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Design During Crisis The industry responds to COVID-19



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Future Scenarios

The post-pandemic workplace

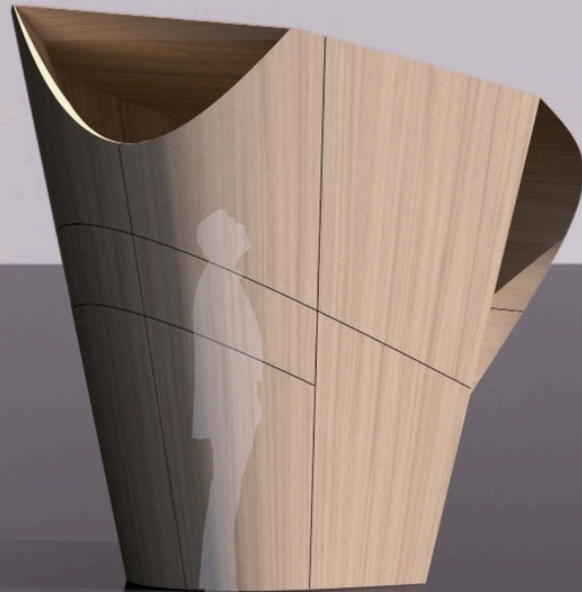
Fostering Wellness

Products for the new normal

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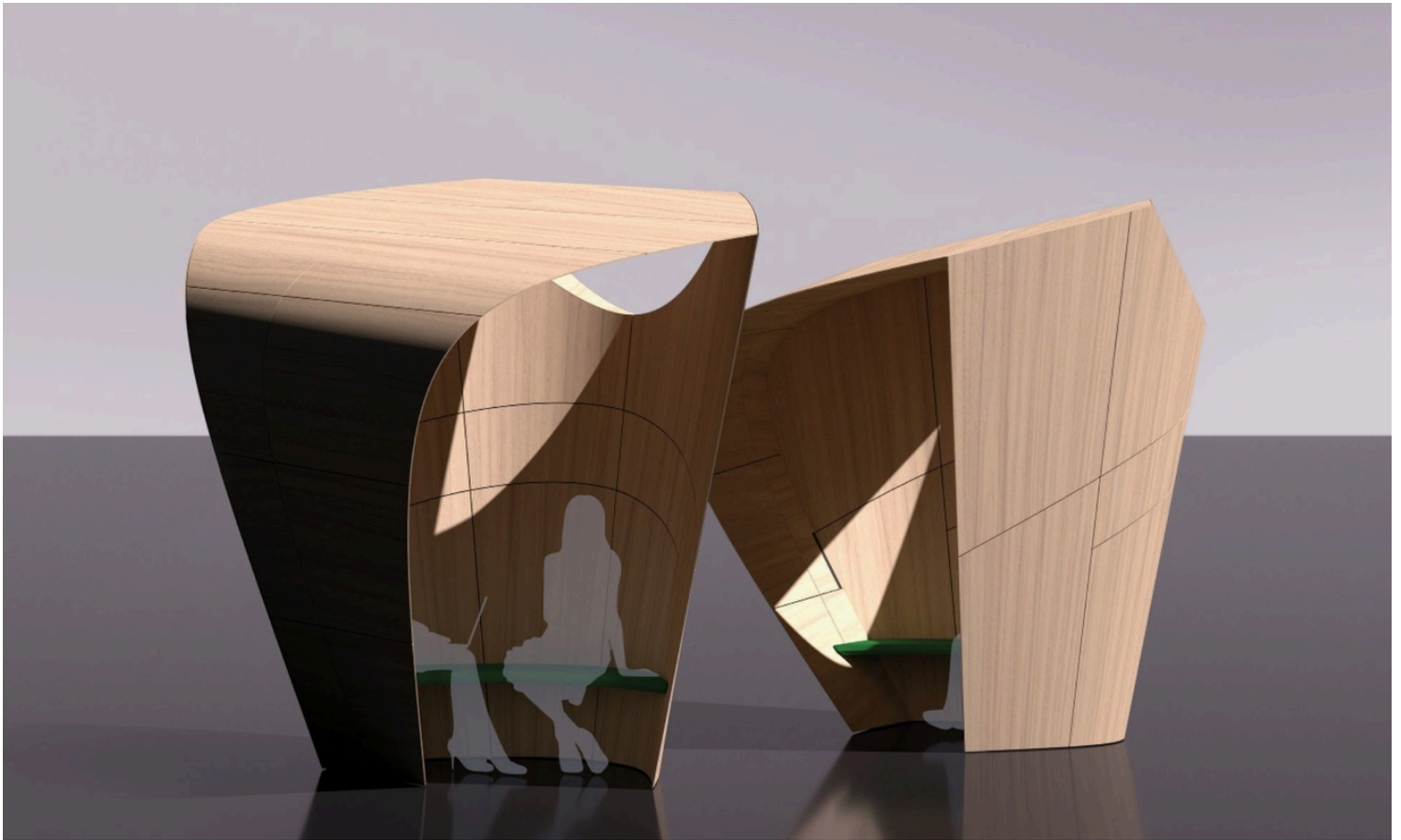


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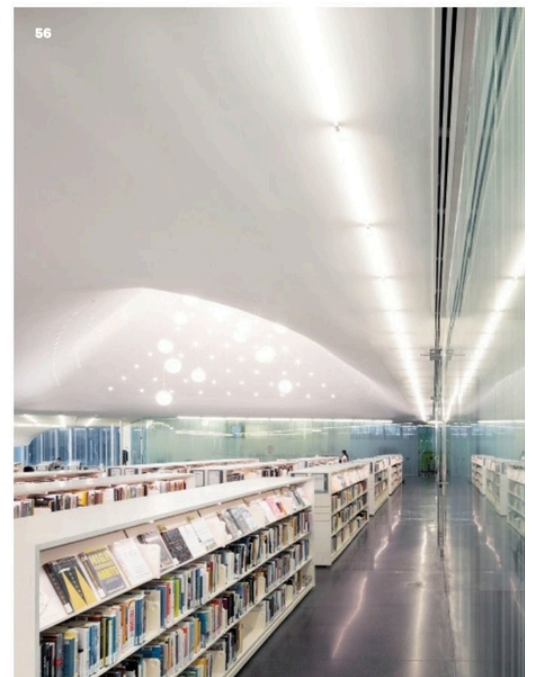
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PHOTOGRAPHY: COURTESY OF INDEWALLS, ART BY MIKE PERRY (TOP), C. LEHOX, ONE BY ROHA (BOTTOM)



volume 61 issue 4

 cover: CURA intensive care pod, Turin, Italy
photography: Max Tomasini

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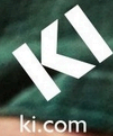
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Karen Donaghy

Publisher

646-668-3761 phone

karen.donaghy@contractdesign.com

Paul Makovsky

Editor in Chief

paul.makovsky@contractdesign.com

Lauren Volker

Managing Editor

lauren.volker@contractdesign.com

Meghan Dwyer

Associate Editor

meghan.dwyer@contractdesign.com

Jonathan Marsland

Creative Director

jonathan.marsland@emerald.com

Beth Weaver

Associate Art Director

beth.weaver@contractdesign.com

Sheila Kim

Belinda Lanks

Sam Lubell

Sheri Olson, FAIA

Michael Webb

Anna Zappia

Contributing Editors

Amanda Hampton

Marketing Manager

Grace Casey

Production Manager

646-668-3706 phone

grace.casey@emerald.com

Gregory Gilroy

List Rental

845-201-5329 phone

gregory.gilroy@reachmarketing.com

Advertising Contacts

Vito Salvatore East Coast and Canada

vito.salvatore@contractdesign.com

Ellen Cook Southeast

ellen.cook@contractdesign.com

Christopher Goldsholl Midwest and Florida

christopher.goldsholl@contractdesign.com

Larry Shore West Coast

larry.shore@contractdesign.com

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EDITORIAL

Design in Action

The COVID-19 pandemic has claimed lives, disrupted economies, and changed our daily way of life. As the world faces a need for supplies, funds, and helping hands, designers and manufacturers are answering these challenges with solutions of all types, sizes, and scopes—and with the innovative and entrepreneurial spirit that is true to the architecture and design industry. In this issue, we feature some of the initiatives launched during this global crisis—from the transformation of shipping containers into intensive-care units to the 3D printing of face masks, shifting of manufacturing to support local needs, and development of new products to keep essential workers safe. We also debut a new feature—Future Scenarios—where we invite a firm to imagine how an interior typology might look in the near future. Read IA Interior Architects' visualization of a post-pandemic workplace that addresses safety, choice, flexibility, and the adaptation to new circumstances. And, as we grapple with changes in our work and lifestyles, we also showcase products that foster wellness and offer a roundup of our favorite new products for the workplace.

Rethinking the Library

We also highlight the winning entries of this year's Library Interior Design Awards—a biennial competition hosted by IIDA and the American Library Association to honor excellence and innovation in library interior design. Each of the nine winners demonstrate that while there's still a place for books in these essential institutions, libraries also function as a way to bring people together through a wide variety of events and exhibitions.



Last chance!

Remember, it's your last chance to submit your best projects for our Inspirations Awards, celebrating projects and practice-based initiatives that improve the quality of life for those in need. (The final deadline is June 19.) Winners will be recognized for work completed for clients that serve a worthy cause. The clients, in turn, receive a generous grant from award sponsor Tarkett. Over the course of the past decade, Tarkett has given more than \$100,000 in grants to worthy causes. The grand-prize winner will receive a \$10,000 grant, while grants of \$3,000 and \$2,000 will be awarded to two additional projects. It's important to recognize doing good in our design community. Good luck to all who enter!

Digital Offerings

Finally, visit us at contractdesign.com and follow us on Instagram at [@contractmag](https://www.instagram.com/contractmag), where we continue the conversation on how to navigate these challenging times, interviewing designers about their creativity and how they are coping with working from home. Stay safe, and let's work together to plan for a better future through design!

Sincerely,

Paul Makovsky

Editor in Chief



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Eligible entries are completed projects or practice-based initiatives which improve the quality of life for those in need. Entries may be paid or pro-bono projects.

The worthy cause of the top honoree will receive a \$10,000 Grant. Additional honorees' project causes will also receive substantial financial grants.

Inspirations 2020 will be awarded in a special presentation by Contract. Honored work will be featured in Contract.

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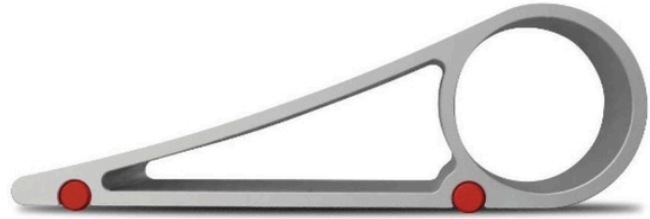


Make room for GoGo – a charming collection of benches, ottomans and lounge seating that keeps pace with the speed of change. Cleverly hidden casters allow each model to be easily moved for quick reconfigurability, providing guests with the freedom to gather together for impromptu meeting and collaboration sessions or break away for individual activities.

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Doug Mockett Announces Winner of 34th Annual Design Competition



Both practical and aesthetically pleasing, Blade includes TPU Grip inserts that allow it to hold even the heaviest doors. Door mounts are also available to stow the doorstop when it's not in use.

Architectural hardware company Doug Mockett & Co. Inc. recently named the winner of its Annual Design Competition. This year's winner, Yosei Ikeda of Denver, Colorado, was recognized for Blade—a premium alternative to boring rubber or wood door wedges, named for its sharp design. The aerodynamic shape is complemented by a gleaming anodized aluminum finish for an ultra-sleek, fast form, offering a combination of precision detailing and smart contours.

Blade's intention is simple, yet necessary. It can be slid under a door to prop it open and removed to close it. TPU Grip inserts create friction that keeps the doorstop firmly in place to secure even the heaviest doors. Door mounts are also available to stow the doorstop when it's not in use.

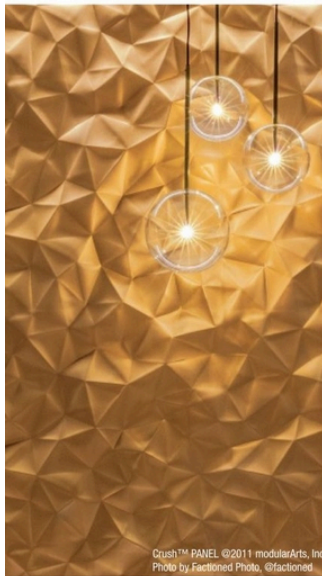
"I am honored to have had my doorstop design selected as the winner for Mockett's design competition," Ikeda says. "Even before I thought about this competition, I had an issue with doorstops. They are ugly and don't always work, depending on the surface they're on."

Ikeda considered both the end user and the ability to manufacture Blade for decent margins. Through his thoughtful process, he came up with a design that checks both boxes.

He will receive a \$1,000 reward, an engraved achievement trophy, and a royalty based on Blade's sales. —MEGHAN DWYER



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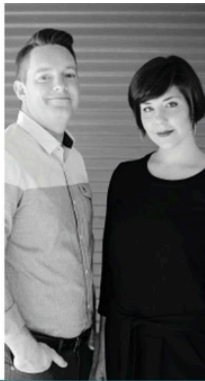
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PROFILE

Designers You Should Know Harken Interiors

Harken Interiors' portfolio includes work in the hotel, multiunit residential, senior living, restaurant, luxury residential, and workplace sectors. The firm's latest projects include RXBAR's corporate headquarters (top) and The Fields Lofts (bottom), both located in Chicago.



PHOTOGRAPHY: MIKE SCHWARTZ



Chicago-based Harken Interiors was founded in 2015 by Chris Sommers and Jacklyn Moser, who both previously worked at award-winning hospitality firm Simeone Deary Design Group. The firm's name was derived from "hearken," meaning to listen, which echoes the partners' approach to working with clients to channel their authentic voice into the finished design. Harken Interiors' work spans the hotel, multiunit residential, senior living, restaurant, luxury residential, and workplace markets, with clients including Hyatt Regency, Homewood Suites, Aloft, Marriot, Sheraton, Westin, Loews, Hilton, and Four Seasons.

How do your backgrounds in hospitality design inform your design approach today?

Hospitality as the art of welcoming guests and providing for their needs is such a simple and honest concept, but it requires that all the touch points are thoughtful, seamless, and cohesive. We love developing a narrative that will influence programming, aesthetics, and most of all the emotional experience of the guest. For us, the concept is truly the North Star for every design decision that unfolds. Having worked on five-star international resorts, intimate independent boutique hotels, and food and beverage venues at themed entertainment districts, we understand that each is unique in their personality and that personality should not end with how it looks. Providing for how service is delivered in the front and back of house while weaving a complete interior and graphic identity of a space is something that we do not just for our hospitality projects but also for workplace, senior living, multiunit residential, and retail. We believe each layer—visible and invisible—should be considered.

What is unique about your overall design approach?

When we opened our doors in 2015, we knew that our goal was more nuanced than developing a singular aesthetic voice as a hospitality interior design studio. We certainly bring a point of view to the table, which is influenced by our time in the industry, education, and passion for design thinking. However, we believe our portfolio should feel as diverse as our clients. Above all else, our approach is driven by our desire to truly hear

and deliver on our clients' goals and dreams—financially, functionally, and artistically. Our work has taken us across segments and sectors because our quest really is to work with passionate clients who are looking to amplify their voice and vision.

What interior spaces have you worked on recently? Was there something innovative that you feel you brought to the project?

We've been excited by the cross-disciplinary nature of some of our most recent projects as that always asks for innovative solutions! We're working on a Joie de Vivre property that is incorporating a long-term-stay model into their hotel room mix—it's a great exploration of not just dipping into a lifestyle for a weekend but determining what that means for the ongoing daily rituals of life. Two of our expansive senior living renovations with Vi Living stray from the homogenous dining hall experience and we are aiming to create more diverse food and beverage layouts, seating styles, service types, and menus for varied experiences from one meal to the next. Our work with Hubbard Street Group at the Fields Lofts is not only special because we found ways to preserve and honor the history of the Marshall Field's Warehouse in the conversion to multiunit residential, but also because we've developed a rich amenity program. We provided residents with cafe space, coworking and lounge options, roof deck access, and high-end fitness experiences that aren't currently available in the community but can be found within their own extended home.

What are some interesting trends that you see in interior design today?

Paradoxically, we are loving the trend of staying true to what works for you rather than what may be the fleeting fashion. We had the privilege of working on RXBAR's corporate headquarters in Chicago prior to the acquisition by Kellogg's. Their ethos is clear—honest and simple from the inside out. Instead of layering the 10-story office with trendy start-up diversions and unusual materials, we reflected their brand in built space. Materials are natural, space planning is transparent, and wellness is accessible in easy, everyday ways. The heartbeat of the company drove the design, which is palpable to anyone experiencing the space.

What do you see as the biggest challenges facing interior designers today, especially given the current situation?

Now more than ever, we as designers need to put aside how we may have executed a project in the past and begin with compassion for the challenges our clients are facing in their markets. We will likely absorb more hours and effort researching, evaluating, pivoting, and communicating new processes and products. However, it's through this diligence that we can lay the foundation for regrowth. At a time when we are all desperate for safety, wellness, peace of mind, and joy, designers can help build trust and transparency between our clients, their investors, end users, and staff through our well-researched solutions.





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DESIGN IN ACTION

The design industry responds to COVID-19 with innovations, projects, and contributions that lift spirits and give back.

PHOTOGRAPHY: MAX TOMASINELLI

ACTION IN THE

By Lauren Volker

The design community has sprung into action, supporting the front lines and local communities in the fight against COVID-19. As the world seeks supplies, funds, and helping hands, designers and manufacturers are answering these challenges with solutions of all types, sizes, and scopes—and with the innovative and entrepreneurial spirit that is true to the architecture and design industry.

Here, we feature some of the initiatives launched during this global crisis: the transformation of shipping containers into intensive-care units, the 3D printing of face masks, the shifting of manufacturing to support local needs, and the development of new products to keep essential workers safe, among others.



Design Firms Rethink Testing, Intensive-Care Units

Carlo Ratti Associati, in collaboration with Italo Rota, engineers at Jacobs, and health technology company Philips, launched an open-source project, converting shipping containers into intensive-care units.

Named CURA—Latin for “cure”—the project provides a quick-to-deploy solution to expand emergency facilities and relieve the pressure on healthcare systems treating COVID-19 patients. The pods are designed to mount as quickly as a hospital tent while providing safety comparable to a regular isolation ward.

“As an international team of designers, we felt compelled to react and contribute with our own skills to this crisis,” says Carlo Ratti, director of the MIT Senseable City lab and founder of design and innovation office Carlo Ratti Associati.

The first CURA pod began admitting patients on April 19 at a new temporary hospital set up in Turin, in northern Italy. Each 20-foot unit functions autonomously and can be shipped to any location around the world, adapting to the needs of the local healthcare infrastructure. The tech specs, drawings, and design materials are accessible online at curapods.org/open-source-files.

To address the need for testing individuals without vehicles in urban areas, **CannonDesign** developed a walk-in testing booth concept, envisioned by firm architect Albert Rhee, AIA, LEED AP.

As a healthcare architect and husband of a Chicago nurse, Rhee has seen firsthand the pressure caregivers are experiencing as they work to protect our communities. “This is a challenge that is very personal to me,” Rhee says. “Healthcare workers are extremely concerned about their personal safety and the safety of their families. The current strain on personal protective equipment (PPE) supplies adds enormous stress on an already difficult situation.”

Looking for a design solution that might eliminate provider-patient exposure, thus reducing the consumption of PPE supplies, Rhee came across a telephone-booth-style testing enclosure constructed in Yang Ji General Hospital in Seoul, South Korea. Inspired by the idea, he developed a drawing set for a similar concept. “A walk-in testing booth provides an alternative solution that eliminates physical provider-patient exposure in a modular format that is simple to deploy for temporary testing operations” Rhee says.

Establishing a universal design for broad-scale production and implementation, Rhee’s walk-in booth system can be deployed on any flat, outdoor surface; can be powered by a single household electrical outlet; and is designed to accommodate alternating patient flow.

AGE OF CRISIS



CURA (opposite and above) is a quick-to-deploy solution to expand emergency facilities, developed by Carlo Ratti Associati, in collaboration with Italo Rota, engineers at Jacobs, and health technology company Philips. To address the need for testing in cities, where many people don't own cars, CannonDesign's Albert Rhee conceived a walk-in testing booth concept (right).



DESIGN IN ACTION

CallisonRTKL, in collaboration with PODS and the U.S. Army Corps of Engineers, developed containers that can be repurposed into isolation units for alternative healthcare facilities treating COVID-19-positive patients. "As healthcare architects, we understand the challenges faced by our clients during this crisis, including concerns about patient assessment, care pathways for COVID and non-COVID patients, protection of staff, and adequate bed capacity," says Raymond Brower, AIA, NCARB, vice president, CallisonRTKL.

The design team made modifications to existing POD containers to provide a safe, enclosed place for patients that minimizes medical staff exposure to the virus when they are not in direct patient contact. "The mobility of the POD unit challenged our team to consider how to design a facility that is self-contained and well-positioned for rapid deployment and relocation to new sites of care as the virus spread," Brower says. The units can easily be deployed for assessment, examination, emergency treatment, and inpatient care, supplying a flexible and adaptable platform.

Perkins and Will's New York office and its Denmark-based studio, Schmidt Hammer Lassen, collaborated to develop a concept for converting idle school buses into mobile testing units. "A couple of days after the COVID-19 crisis hit New York, our team started brainstorming ways we could put our diverse skills and backgrounds into the service of our city and our communities," says Mariana Giraldo, planner and strategist in Perkins and Will's New York studio. "It was through a multidisciplinary and agile approach that the project quickly came to life."

Under a framework of five key parameters—mobility, accessibility, speed, flexibility, ease of implementation, and scalability—the team began exploring the refitting of vehicles. The resulting assembly system and accompanying guidelines offer a low-tech, DIY system that can be quickly adopted by underserved communities. The system also gathers essential geolocation and test-result data, providing real-time information to help authorities with decision-making.

"The process itself has been important for our team; as designers, we need to be ready to respond to complex design challenges with resilient responses," Giraldo says.



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New York-based **Perkins Eastman** has joined several rapid response teams to evaluate sites and then develop isolation units and temporary healthcare facilities in New York; California; Washington, D.C.; North Carolina; and South Carolina.

For one such project, the firm worked in conjunction with the Army Corps of Engineers and Turner Construction to design and build a field hospital on Stony Brook University's campus in Suffolk County, New York. Occupying several acres and made up of five tents totaling 220,000 square feet, the project added 1,028 beds to Stony Brook University Hospital's existing capacity of 603 beds. Of the added beds, 270 were designated for COVID-19 patients.

Perkins Eastman has also worked on several other COVID-19 response facilities, including tent hospitals, conversions, and expansions in the New York City area. Some of this work included the conversion of ambulatory surgery centers, expansion of emergency departments, conversion and expansion of existing facilities, and additional tent hospitals.

PHOTOGRAPHY: COURTESY OF PERKINS EASTMAN (RIGHT)



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JUNE 2020

Giving Back to the Local Community

New York-based **Margaret Sullivan Studio** is supporting the nearby Bronx community through initiatives with the Bronx Community Relief Effort—an undertaking born after the coronavirus hit New York, aimed at raising \$10 million to assist on-the-ground operations focused on meeting the most essential needs of the borough.

The design firm is involved in two of the Bronx Community Relief Effort's areas of focus—food security, and education, technology, and connectivity—and is leading the social media campaign for the program, organizing content and volunteers to create the messaging and strategy.

Margaret Sullivan Studio also developed an activity book for Bronx youth while they are sheltering in place. The artwork in the book highlights Bronx-based artists, aiming to foster creative digital literacy. "What we've learned from this pandemic is that it has magnified long-standing inequities within communities," says the Margaret Sullivan Studio team. "We don't want things to go back to the way they were—but take advantage of this time to progress into a preferred future."

As a longtime supporter of Heading Home—an organization that helps families and individuals overcome homelessness—**Elkus Manfredi Architects** is raising funds for the nonprofit's COVID-19 relief fund.

"As we all struggle to adjust to the challenges we are facing, it's also a moment to realize that there is incredible need in our community right now," says the Elkus Manfredi team. "Helping our neighbors brings out the best in us and can provide some peace of mind during these unsettling times."

Heading Home is supplying food, cleaning supplies, and other necessities for more than 500 households and 400 children. Elkus Manfredi's goal is to raise \$20,000 to cover the cost of more than 1,200 meals for children and families living in Heading Home shelters. As of press time, the firm had raised more than \$18,000.

Atelier Cho Thompson Student Program Tackles COVID-19 Challenges

Atelier Cho Thompson, in partnership with Yale's Center for Collaborative Arts and Media, has launched Design Brigade, a summer project to connect architecture and design students to new spatial problems that have emerged due to COVID-19.

Teams made up of two Yale undergraduates and two graduate students will research larger conceptual questions of changing social and cultural rituals and work toward built solutions in New Haven, Connecticut. Each team will be mentored by practicing designers and academics. The aim of the program is for students to develop design skills through real-world problem-solving and deliver plans that can be implemented. The project will be documented and shared online as a model for other remote design internships that connect academic and community partners.

"As practicing architects, we have a responsibility to mentor and cultivate the next generation of designers," says Ming Thompson, AIA, IIDA, co-founder, Atelier Cho Thompson. "We created Design Brigade as a way for designers to give back to their community and as a means to offer mentorship and real-world education to design students."



"THE CHALLENGE IS IN
THE MOMENT;
THE TIME IS ALWAYS
NOW."

JAMES BALDWIN



Design firms are rolling out unique treatment and testing concepts, like CallisonRTKL's partnership with PODS to modify existing containers for treating patients (opposite, top left), Perkins and Will's idea for converting school buses into mobile testing units (opposite, bottom left); and Perkins Eastman's field hospital on Stony Brook University's campus (opposite, right). Other firms are helping in their local communities. Margaret Sullivan Studio, for example, is offering support through the Bronx Community Relief Effort (left), and Atelier Cho Thompson is encouraging young designers to give back and consider design for the future (above).

contract

DESIGN IN ACTION

3D Printing Personal Protective Equipment

The team at **SHoP Architects** mobilized its fabrication and prototyping facility in Brooklyn, New York, to 3D print face shields. The team worked one at a time around the clock in six-hour shifts every day, producing up to 220 shields per day, with a total yield of 2,800 units as of press time. Face shields were delivered to Weill Cornell Medical Center and other medical groups in New York.

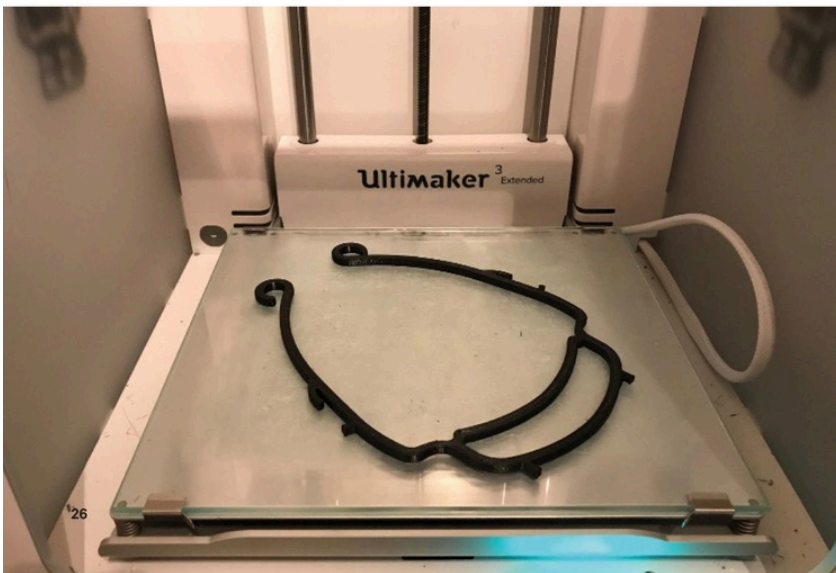
HTA Design and **HOK's** London studio launched The Industry Prints, a coordinated effort to manufacture face shields according to the United Kingdom's National Health Service (NHS) specifications and distribute them directly to front-line workers. The firms worked directly with the NHS to develop the open-source pattern for 3D printers. "This is a call to action that goes beyond the architecture profession. Anyone with a 3D printer and the right materials can visit our website and find out how to get involved," says Richard Foxley, senior associate at HTA Design. "We are all in this together, and this initiative hopes to play its part in getting vital supplies to those most in need." The 20 leading U.K. practices behind Industry Prints have the capacity to produce more than 4,000 face shields per week. HTA Design and HOK's London studio are calling for further support from the U.K.'s architecture and design community, with the aim of producing 35,000 protective masks per week.

Manufacturers Show Support, Supply the Front Lines

To give back to the local community during Italy's public health emergency, **Confindustria Ceramica**—which represents, connects, informs, and assists Italian companies producing ceramic tiles, refractory materials, sanitary ware, tableware, and ceramics for industrial uses—donated 200,000 euros to the Hospital Foundation of Sassuolo and to hospitals in the Italian province Reggio Emilia. The contribution supported the purchase of intensive-care beds for the healthcare system, according to the association.

New York-based art consultancy agency **Indiewalls** launched a not-for-profit initiative called #GiveASign in response to the pandemic. In collaboration with independent artists, Indiewalls is designing billboard-sized artwork affirmations, which are printed and then installed outside of New York's hospitals. Small versions of the artworks are donated to the staffs of each targeted hospital. With the intention of spreading positivity and joy for the hardworking members of the medical community, the initiative is also aimed at combating the loss of work within the artist community. The first two artworks were installed across from NYU Langone Hospital and Lenox Hill Hospital.

PHOTOGRAPHY: COURTESY OF INDIEWALLS, ART BY STEFFILYNN (RIGHT), COURTESY OF SHoP ARCHITECTS (TOP LEFT)



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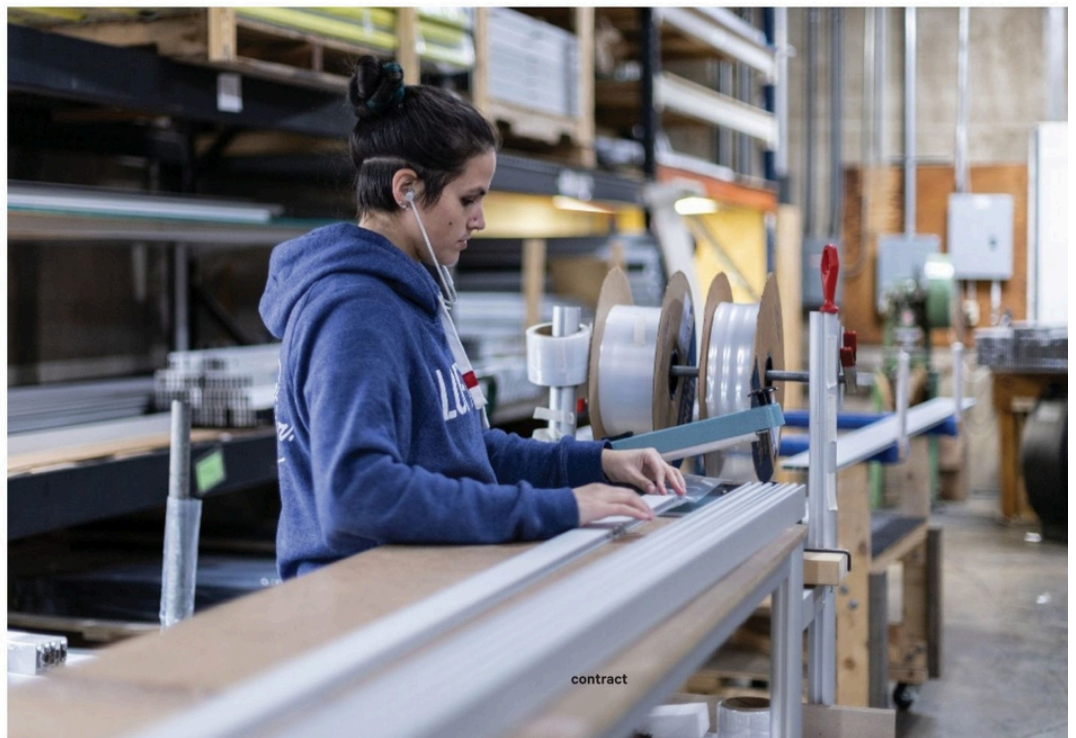
PHOTOGRAPHY: MEMO CARCAMO (BOTTOM)

Inspired by the 100 Million Mask Challenge, office furniture manufacturer **Dauphin** pivoted to the production of face masks for health care facilities close to its Northern New Jersey factory. Enlisting its automated fabric cutting capabilities and skilled sewers, Dauphin repurposed synthetic materials normally used to line fabric for its upholstered chairs and lounge furniture. In addition to producing masks at its Boonton facility, Dauphin is supplying its pre-cut synthetic materials to local community members who have volunteered to produce masks for neighbors and loved ones. "We hope we will be able to help doctors and people who are helping our community in these difficult times," says Miguel Carhuayo, factory supervisor at Dauphin.

A New York hospital enlisted room divider and privacy partition manufacturer **Loftwall** to produce walls for its facility. The company quickly got to work, producing more than 30 of its Framewall screen systems in just 24 hours. It customized the Framewalls—which are typically used to add privacy and support creativity in a wide range of living and working spaces—to meet the hospital's unique needs, ensuring each unit could be wiped down with heavy duty cleaners without damage. "They had a statewide mandate to pop up emergency rooms and testing sites throughout the state, and our walls would be a critical part of the space division to keep order in a chaotic new world," says the Loftwall team. "We are proud our team banded together and, in less than 24 hours, we said goodbye to a truck full of walls headed to New York."



SHoP Architects is 3D printing face shields out of its facility in Brooklyn, New York (opposite, top left). **HTA Design** and **HOK's** London studio worked directly with the United Kingdom's National Health Service to develop an open-source pattern for creating face shields on 3D printers (opposite, bottom left). In collaboration with independent artists, **Indiewalls** is designing billboard-sized artwork affirmations, like this one by **Steffi Lynn**, to encourage healthcare workers (opposite, right). Office furniture manufacturer **Dauphin** pivoted to the production of face masks for healthcare facilities (left). **Loftwall** produced walls for a New York healthcare facility (below).



DESIGN IN ACTION

Designtex partnered with West Elm in the design, manufacturing, and production of 13,000 cotton face masks at its Surface Imaging facility in Portland, Maine. "The call for personal protective equipment in our healthcare communities and in society in general is, to a great extent, a call for textiles to solve an urgent problem," says Carol Derby, vice president, research and development. "Designtex has deep in its culture a desire to work this way—to see our materials rise to the challenges of the day, through thoughtful design. Also, longstanding in our history is the choice to collaborate and co-create with trusted partners, to come together to solve problems."

Doug Mockett is using its 3D printers and silicon molds to create shields fitted with face shields, as well as mask extenders. In addition, the company enlisted the help of a Mockett family member to make 1,000 additional cloth face masks. "Individuals are adjusting to new challenges at home and at work, the company is learning to pivot and understand the new climate in the industry, and we are all collectively growing more frustrated and confused," says Billy Peele, marketing manager. "But then when we take a step back and look at those among us who are afflicted and those who are on the front lines dealing with this crisis head on, it provides perspective."

HBF and other **HNI Corp.** companies are producing and donating PPE to first responders, healthcare systems, and hospitals. HNI is using its factories in Iowa and New York, as well as its HBF Hickory, North Carolina, facility, to meet local needs. "Doing our part to help others has long been at the heart of the company's culture," says HBF President Dan Chong. "We have been a member of the Hickory community for 40 years, and we are dedicated to supporting our local healthcare workers and heroes." The HBF team estimates they are producing approximately 2,000 to 2,500 masks per week and donating them to local firefighters, healthcare workers at a local hospice, and Novant Health.

Room & Board's U.S. manufacturing partners have reopened as essential businesses to keep producing PPE for donation. Participating partners include: Open Works of Baltimore, Maryland; American Leather of Dallas, Texas; Precedent Furniture of Newton, North Carolina; ADF of Ladysmith, Wisconsin; Redland Cotton of Moulton, Alabama; Valdese Weavers of Valdese, North Carolina; McCreary Modern of Newton, North Carolina; and Fracture Goods of Chicago, Illinois. "My husband is a doctor and many of our friends are nurses, support staff, other doctors and nurses," says Aron Fischer, owner and maker, Fracture Goods. "I am so worried about healthcare providers. I would like to use that energy to help."

More manufacturers lending a helping hand

Eventscape donated more than \$50,000 worth of face shields to front-line workers.

Allsteel shifted manufacturing to support local communities by producing and donating PPE to first responders, healthcare systems, and hospitals.

Teknion converted its manufacturing facilities into assembly spaces for isolation gowns.

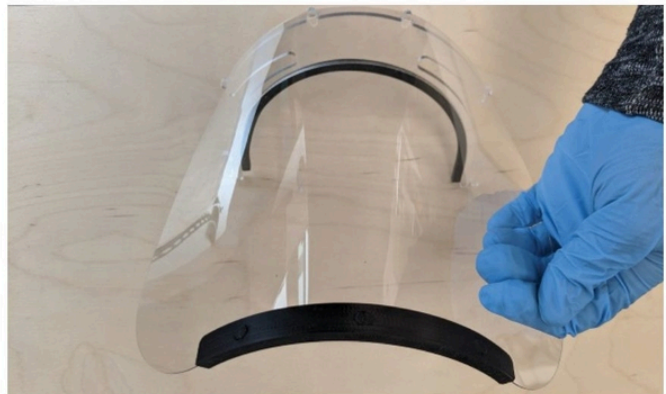
Gunlocke shifted manufacturing at its Wayland, New York, facility to manufacture washable masks and protective gowns.

Teknoflor was designated as a disaster recovery supplier by the General Services Administration.

Landscape Forms assisted with the production and assembly of medical beds for healthcare providers.

Knoll Office, Spinneybeck | FilzFelt, Knoll Product Development and Knoll Textiles, and **HOLLY HUNT** produced hand-sewn masks at various production facilities across the country.

Cerno Lighting produced more than 3,000 face shields that were donated to California hospitals.



New Ideas for a New Normal

In response to the COVID-19 pandemic, architectural glass products and hardware systems company **CARVART** created glassSCREENS>Shield, a collection of tempered glass protective screens designed to protect essential employees and their customers.

Ideal for public-facing businesses—including pharmacies, healthcare facilities, grocery stores, banks, and shippers, as well as government institutions—these versatile, nonporous shields prevent microbes from penetrating the surface and can withstand harsh industrial-level cleaning products.

“The creation of glassSCREENS>Shield was the result of a phone call with a pharmacist friend,” says Edward Geyman, CARVART CEO. “They needed better protection and urgently requested a more effective screen. The CARVART team jumped into action, and within a week, we were delivering the first screens. We’re honored to be able to use our expertise to do our part to help our community and brave network of essential workers.”

The screen line includes three styles—a freestanding countertop unit, a single full-height unit, and a foldable full-height double screen—with features such as add-on units, transaction windows, protection screens with shutters, casters, and no-draft, speak-through windows. The glassSCREENS>Shields are produced in Brooklyn and out for national delivery within a week of ordering.

From safe testing booths that allow no-contact testing while conserving personal protective equipment to freestanding mobile hospital rooms, **SnapCab** has been working with experts to design creative solutions to the short- and long-term challenges posed by COVID-19.

The company is currently adapting its products to serve as sterile screening booths, which can be set up outside of hospitals and clinics, or mobile hospital rooms that can help keep people apart while they seek treatment. “Our front-line workers are the first line of defense against this pandemic, and it’s crucial that they have the right tools for the job,” says the SnapCab team. “With that in mind, we’re exploring a few variations on a no-contact testing booth for use in healthcare.”

SnapCab is also considering the emerging needs of the post-pandemic world, particularly in the workplace. Currently in development, SnapCab’s new product line, which includes the Meet 2 and Office Isolation pods, is geared toward socially distancing workplaces. Both new products offer flexible options for the changing dynamics of the workplace and how companies do business. All SnapCab’s pods are air-quality tested and made with surfaces that are easy to clean and disinfect, according to the company, and can be upgraded with a HEPA filter to continually refresh the workspace with clean, purified air.



Doug Mockett is using its 3D printers and silicon molds to create face shields (opposite, bottom). HBF and other HNI Corp. companies are producing and donating personal protective equipment (opposite, top). CARVART’s glassSCREENS>Shield is designed to protect employees and customers of essential businesses (left). SnapCab is adapting its products to serve as sterile screening booths (above).

contract

DESIGN IN ACTION

Expert Perspectives: The Future of Workplace

By Nabil Sabet, Group Director, M Moser Associates

Sabet strategizes with companies and institutions around the world to design and build environments that comfort and inspire users and contribute to the workplace transformation process. As group director, he leads project strategy as well as the initialization, design, and delivery of large-scale, base-building, office, laboratory, healthcare, and educational environments.

How has workplace design evolved over the last five years?

Companies are realizing that their workspace is a business resource, not just a cost—and that it plays a crucial role in inspiring their people. In a world where each company is aspiring to innovate and disrupt, key elements that positively influence an employee's performance are key. Achieving the perfect balance of productivity and human-centered design, while considering sustainability and well-being, requires design that not only addresses the physical, social, and digital environments, but also operational needs. Workplace design today requires constant experimentation and flexibility.

What trends and new directions in workplace design are you're excited about?

The ability to perform many tasks remotely has distilled the office into a place with new and purer purpose. Focusing the workplace on the things people can do better in person—collective work, cross-functional collaboration, accessing special tools, multidisciplinary/integrated creative work, culture boosting—is exciting because it aligns human needs and potential financial savings. I design and deliver offices for a living, but I'd be very excited if you told me I needed to create slightly smaller yet functionally rich facilities that are healthy—and places where people come in to work on what they need, when they need it.

"Flexibility" is a buzzword in workplace these days. How do you incorporate flexibility into your designs?

Flexibility is essential for creativity and experimentation. Some examples include moveable walls, abundant writing surfaces, or large tables set on casters, which are helpful for brainstorming and ideation. But overall, we have to encourage things to be untethered. A huge part of flexibility is connected to personalization of space. If I have pictures of my whole family and every trinket from industry partners decorating my desk, then it's not flexible. This may be uncomfortable for some at first, but as we consider new requirements for sanitization, like leaving surfaces clear for cleaning crews to disinfect, it makes it an easier thing to accept.

What are you and your business doing differently in response to the COVID-19 pandemic?

As clients plan to adapt their spaces to the changing landscape, they are focusing on two separate yet related aspects: how to go about re-entry and how to plan their office spaces going forward.

In planning for the short-term, remaining flexible, strategic, and agile is essential. As M Moser employees return to our Asia offices, we've designated teams to cycle in and out of the office at different times. An entire sterilization process occurs before the next team enters. Leaders are assigned to teams with the expectation that they will not interact with any other team in person, and we've also created an in-house task force focused on the re-entry process. With these strategies in place, we are minimizing the potential for viral loading, as well as implementing necessary protocols for if and when COVID-19 re-emerges. Other simple yet effective tactics can encourage a healthier workplace, such

as leaving seats in between colleagues, propping doors and windows open for air circulation, or placing tape on the floor to mark off zones for distancing.

For long-term planning, preparing for unprecedented scenarios to preserve business continuity is top of mind for organizations. At M Moser, there's been a large emphasis on washrooms. We may transition to opening and closing doors with feet as opposed to hands or using an automated system. We also are considering systems like UV treatments that blast sterilizing light over surfaces when a room is unoccupied. At the moment, we are employing everything from live-time temperature reading via forehead thermometers and automatic scanners to sanitizing stations that remove debris from shoes. These forms of technology will help companies forge a blueprint for what's to come down the line.

How do we redesign the workplace post-COVID-19?

In the physical office, we must improve air quality, rethink where we eat and gather, and take a look at how we open and close doors. We also must understand what the worker's role is inside the office and the purpose the office serves. To keep sanitation and cleanliness the top priority, depersonalizing desks might be key. Reducing clutter or assigning daily rotating desks would encourage proper cleaning. Offices built with construction materials that are inherently antimicrobial, such as copper, brass, and some laminates, as well as fabrics with antimicrobial properties embedded within the fibers or treated fabrics that may be bleach cleanable, will become more commonplace.

Amenity spaces have become such a focus of workplace design. How do you see these social spaces and their role in work environments evolving?

The reality is more likely that our definition of normal and the amenities we require will be forever changed. Moving forward, providing amenities related to physical health and infection control will surge in importance. Employees will rightfully expect an enhanced cleaning program for areas like receptions, pantries, cafe/dining areas, coffee points, copy rooms, and wellness rooms in addition to an after-hours cleaning program that focuses on disinfection of all surfaces. Business leaders should also consider implementing improvements to HVAC systems, adding UVC lamp systems, and coating highly used surfaces in common areas with antimicrobial treatments that better prevent germs and bacteria from circulating through touch, air, and water.

Other potential amenities that will take on a more prominent role will include technology that reduces physical touch in common areas—think hands-free-enabled equipment for faucets, soap dispensers, paper towels, trash receptacles, refrigerators, microwave doors, closets, and points of egress. It may seem simple, but providing employees with hygienic products like hand sanitizers, antibacterial soaps, gloves, masks, and disinfectant wipes will become table stakes.

Many companies have an open workplace or collaboration areas. Do you think we are going to go back to higher panels in workstations and bigger footprints? Will benching exist?

We're going to see a lot of those areas—pantries, coffee rooms, huddle areas—being reduced in terms of occupancy, but I don't anticipate a long-term end to collaboration. During this time, we've proved we can do our everyday tasks outside the workplace, but the office will remain a place for collaboration. We need to make sure we don't oversteer, building cubicles/capsules instead of open office plans. Traffic flow also has to be managed, ideally in a one-way, clockwise direction, with occasional bays where people can stand or allow others to pass—all in order to reduce proximity to others.

I truly believe that the physical workplace will always have a critical influence on company culture, brand identity, team building, face-to-face collaboration, and more. However, it can't be denied that COVID-19, which has thrown almost all nonessential businesses into working remotely, has revealed that the future of work will be a dual frontier—one where working from home is as accepted and valued as working from the corporate office, and where having the ability for both is feasible.



Nabil Sabet, *Group Director*, M Moser Associates

contract

DESIGN IN ACTION

Beyond the Basic

**Designers are getting creative and innovative
when it comes to masks.**

PHOTOGRAPHY: ALESIA EXUM



PHOTOGRAPHY: DESIGN IOSA GHINI (TOP); JOE DOUCET X PARTNERS (BOTTOM)

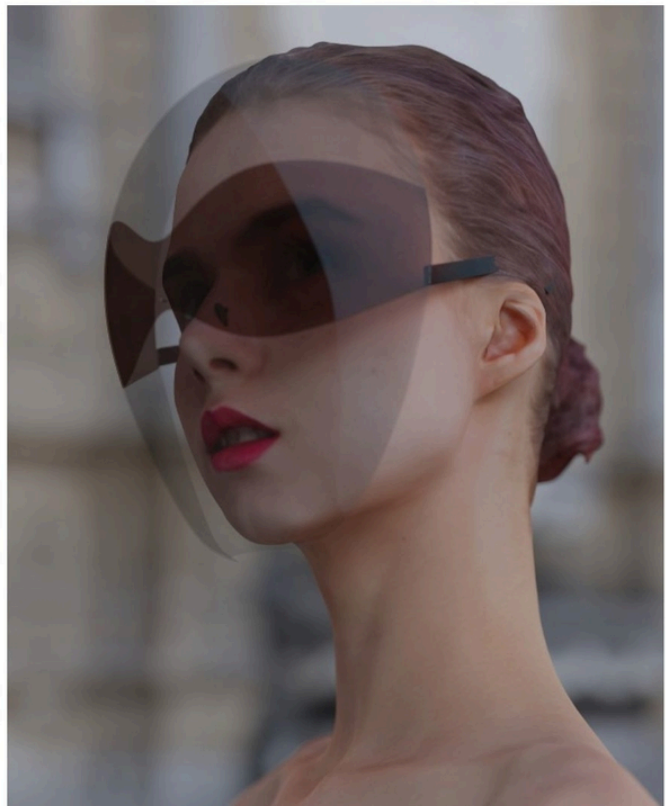


With the onset of COVID-19, it looks like we're going to be wearing masks for some time now. Until an effective vaccination is rolled out through a global, mass immunization program, we all will have to integrate forms of social distancing and personal protective equipment into our daily routines. Designers have been thinking of new and improved versions of the basic surgical mask, with a new cottage industry springing up to meet the demand with functional yet fashionable solutions. Take Claire Fleury's offerings, for example. Her mask4mask collection takes a practical but whimsical approach, offering designs that range from simple cotton masks to more extravagant creations with zippers and patterns such as camouflage, tartans, and even luscious florals. Moreover, for every mask purchased from her collection, she donates one to an organization in need. Industrial designers like Joe Doucet and Massimo Iosa Ghini, have created prototype face shields that also offer stylish solutions and encourage mass adoption of this unwanted necessity. Studies have shown, Doucet notes, that face shields or visors are much more effective than surgical style face masks, but in their current, basic format they are uncomfortable and awkward. Hoping to create a face shield that people would actually want to wear rather than simply put up with, Doucet designed a version with integrated sunglass lenses and arms that make it more practical and less intrusive. Iosa Ghini's design for a mask is easy to use, adjustable, and reusable, and can be safely sterilized and cleaned. According to the designer, "The design's transparent form allows for human connection to be maintained." By making mask and face shield designs more attractive, these designers hope to encourage increased protective-wear usage and help everyone adjust to the "new normal." —PAUL MAKOVSKY

Opposite: Brooklyn, New York-based designer Claire Fleury has created a series of masks that range from simple cotton pieces to more extravagant creations with zippers and colorful patterns. clairefleury.com

Above: Massimo Iosa Ghini's prototype mask is easy to use and adjustable and can be worn repeatedly. Remarks Iosa Ghini, "Designers have a responsibility to share solutions with the world. At this critical moment in time, I wanted to use my creativity to help try and assist in the efforts to help people." iosaghini.it

Right: Industrial designer Joe Doucet created a face shield design with integrated sunglass lenses and arms that make them more practical and feel less intrusive on the wearer than a typical face shield would. He aims to have the prototype in production just in time for summer. joedoucet.com



contract

DESIGN IN ACTION

Expert Perspectives: The Future of Healthcare

By Jocelyn M. Stroupe, AAHID, EDAC, IIDA, ASID,
Principal, Co-Director, Health Interiors, CannonDesign

With more than 30 years of industry experience, Stroupe is a leading expert in the health market. She thrives on uniting the disciplines of planning, programming, branding, and facility management with cohesive, comforting interior design. She is especially invested in understanding the unique needs of all users—patients, visitors, providers, and staff—in their healthcare settings.

How has the healthcare design industry evolved over the last five years?

Prior to COVID-19, the industry made a specific shift to focus on design for the experience of those who use the building. This means we consider an individual's needs, recognizing the importance of every engagement of those who use the building experience, with the goal of creating more meaningful experiences.

Another factor has been the consolidation in the market, with large health systems emerging through mergers and acquisitions. This has brought increased competition for services, forcing systems to focus on their brand and the way they represent themselves to their communities. In addition, there has been a greater scrutiny on expenditures and adding value to each decision. Where in the past we may have designed grand lobby spaces that served little functional purpose, we now incorporate multiple functions, such as retail, into such spaces in order to make them purposeful and revenue-generating.

Where do you draw inspiration from and how do you develop new and innovative ideas in your projects?

In healthcare design, we are addressing the needs of the most vulnerable—emotionally, physically, and psychologically. As a result, we look to nature for inspiration, as biophilic design is proven to reduce stress and provide improved outcomes. I also look to other industries—hospitality, retail, workplace—as innovation typically occurs sooner in those markets. The setting and local culture also drives my approach. A facility in Southern California will be quite different than one located in New England, due to the local cultural impact. This depth of understanding, in addition to the building's users—their specific health conditions, age, demographics—serve to relate place to the culture of an area.

How would you characterize the most interesting things happening in the healthcare design industry today?

On a broad scale, the support for health and wellness. Many organizations are embracing how health is impacted by the environment, including use of materials, workplace design, and staff support areas. Others are embracing the idea of building healthier communities and focusing on addressing the overall health of the population by creating access to healthy food and space for outdoor activities and education of their constituents. Healthcare organizations have also recognized that clinical staff needs to work in collaborative settings.

On the construction and project delivery side, the adoption of modular construction has been a game changer. Most healthcare facilities have multiple spaces, such as patient, exam, or toilet rooms, that are identical. Constructing units of this type off-site in a factory setting has reduced construction schedules, improved quality, and ensured standardization.

What are the biggest challenges of healthcare design?

Healthcare projects are complex and, as a result, require participation from many disparate entities within the organization. Frequently silos exist where these entities do not communicate with each other or coordinate on a project's goals.

Another challenge healthcare designers face is meeting the specialized needs for patients, such as mental health. Unfortunately, we find patients with a wide range of behavioral health issues present at emergency departments and inpatient environments. Because of safety concerns, it is challenging to design an environment that is non-institutional and allows for patients to be treated with dignity and respect.

What are some potential answers to these design challenges? What are some small and big fixes that you think need to be addressed?

When organizing our approach to projects, we will typically seek a cross-functional team across the board—design team as well as client representation. This has been successful in gaining an understanding of needs from all perspectives and allows us to explore solutions that address them comprehensively.

For behavioral health patients, we know more about how humans of varying mental states process the world around them through research. For example, when designing for patients with autism spectrum disorder, the space needs to be calming.

What's a breakthrough project that you worked on recently? What made it noteworthy?

Nantucket Cottage Hospital is a small replacement hospital serving the residents of Nantucket Island. There are two significant aspects to this project. First, the design allows for wide flexibility in care delivery as well as staffing for a surge in population that swings from roughly 13,000 permanent residents to more than 75,000 seasonal residents over the summer. The second aspect is the relationship of the hospital with its community. As the only hospital on the island, it provides a constant, safe, and reliable center for the community, particularly during severe weather conditions, when "shelter in place" has been the norm.

What are you and your business doing differently in response to the COVID-19 pandemic?

This has tested our IT capacity, but more significantly, it has impacted the way we ensure cultural continuity. I think we are recognizing how much can be done remotely—we don't have to travel to hold a client meeting or interview for a project. Wellness in the workplace has been highly visible through various firm-sponsored webinars and virtual check-ins with staff, as connections have become more personal to address the feelings of isolation that employees may experience.

How do you think COVID-19 will ultimately change the industry in years to come?

The COVID-19 pandemic has pushed America's healthcare system and society to adapt at remarkable speed. For healthcare, change can be slow. Change that usually would take years has occurred seemingly overnight. Medical staff have developed creative care approaches in the moment, local governments have helped create entirely new treatment spaces in days, and patients have instantly rethought how they engage their providers. Telehealth has become commonplace and has been embraced largely with success. We do not see that changing in the future.

Social distancing is going to continue and impact the design of public spaces, including waiting areas, lounges, and offices. Healthcare organizations and experts have determined these spaces are too crowded and are planning for fewer seats to allow for flexibility. Operational changes will be made to address the way that patients are scheduled.

What are your hopes for the future of healthcare design?

Every virus the world faces has its own unique challenges, but they all spread through some form of human contact and interaction. This reality should motivate health providers to embrace how design can help re-envision environments to allow for a patient journey with increased social distancing while at the same time encouraged socialization. Design plays a critical role in addressing the psycho-social impact of the COVID-19 pandemic. Mental well-being is an important area that all industries should focus on as we emerge to a new normal. We will all seek authentic design that creates meaningful interactions. This is a time where design can emerge as a therapeutic tool beyond what we've created in the past.



Jocelyn Stroupe, *Principal, Co-Director, Health Interiors, CannonDesign*

contract

DESIGN IN ACTION

future scenarios

The post-pandemic workplace: IA Interior Architects imagines an office that addresses safety, choice, and flexibility, and adapts to changing circumstances.

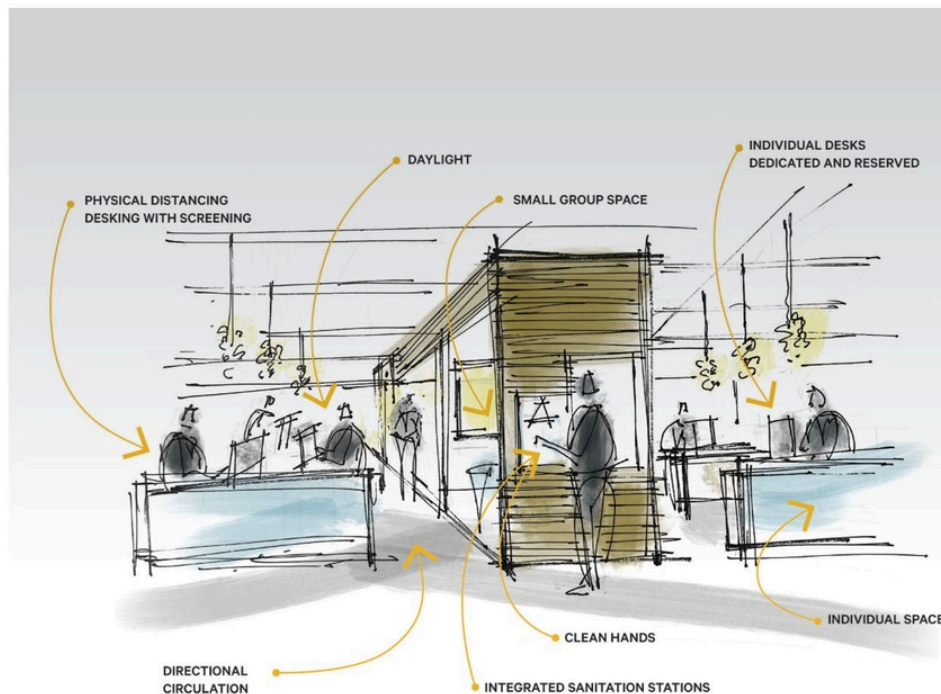
IA Interior Architects project team:
Clark Pickett, design director,
and Meghan Toner, designer (concept and research);
Jami Howard, senior designer (sketches);
and Jessie Quan (graphics)

The world of work has dramatically changed, bringing new challenges, questions, and opportunities to companies, employees, developers, and designers. A large portion of the workforce has temporarily relocated from the office to the home, while many more people are unemployed. Forecasting is problematic as the circumstances change weekly, but there is hope that the current crisis will teach us more about ourselves and the way we work. There has been an unprecedented shift to working from home, and the office of the near future will no doubt integrate remote work, as well as a focus on person-to-person connections and workplace culture.

What will the office look like when we re-enter the workplace? Leveraging real-time feedback, gathering future data, and adapting to changing times will help, but we must start with asking the right questions:

- Where are we going to work?
- How can technology play a role?
- How can we create safe and healthy environments?
- How do we retain and foster culture?
- What has this shift taught us about empathy, diversity, equity, and inclusion?
- What is our responsibility to the environment?

The information and data we gather today will inform the workplace of tomorrow. We must think about the short, medium, and long term to understand, assess, develop, and implement plans for the future. Here we present seven work environments alongside next steps, change management strategy, and long-term policies to consider in creating the post-pandemic workplace.



WORKPLACE: SOCIAL DESIGN IN ACTION

NEAR TERM, NEXT STEPS:

Gather and synthesize data.

Survey employees on remote culture, workflow, health and safety concerns, and aspirational changes for the office. Evaluate existing real estate spaces.

TRANSITION PERIOD, CHANGE MANAGEMENT STRATEGY:

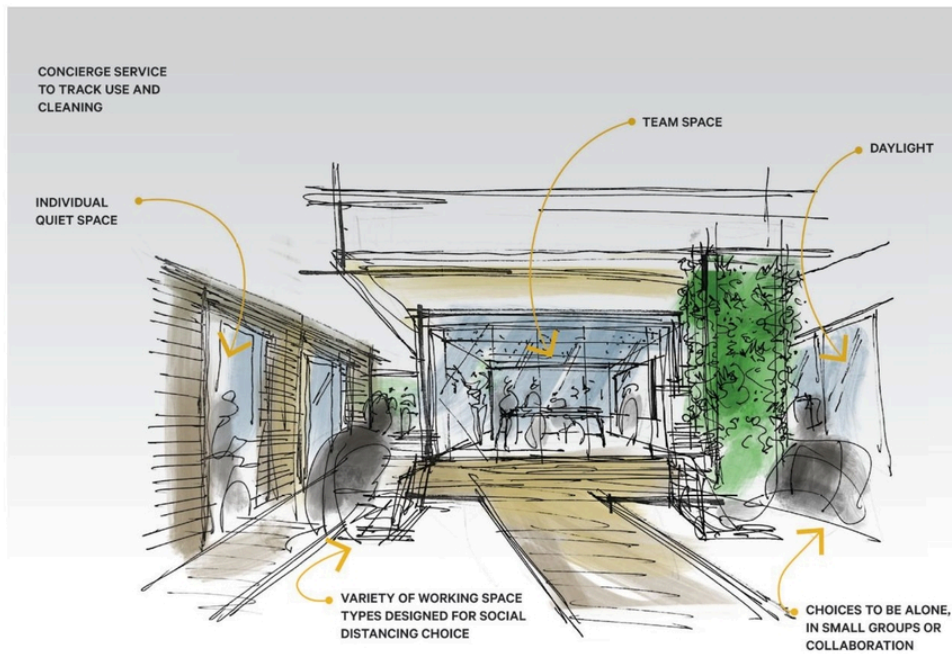
Implement social distance design.

Rethink circulation to accommodate new social distancing norms. Adjust desk spacing, consider seating every other desk and adding desktop panels. Develop a new ratio of fixed and free address desking based on remote working calculation. Consider an alternate day office schedule.

LONG-TERM POLICIES:

Develop guidelines.

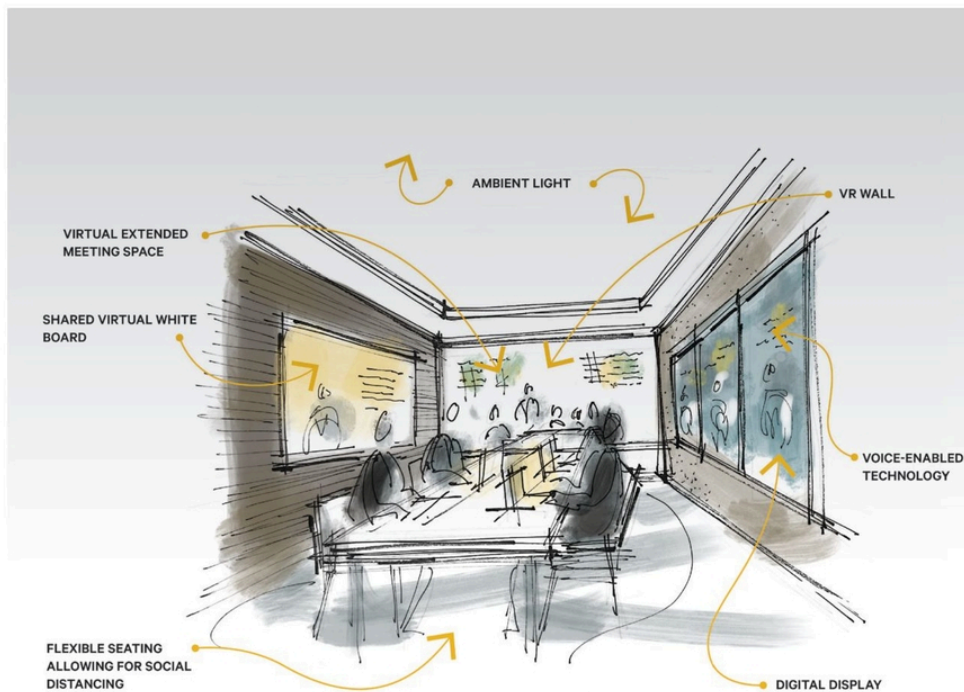
Seating based on a mix of free address, assigned seating, and social distancing guidelines. Return to work in a phased approach. Adapt amenity spaces to foster culture. Implement new health and wellness protocols.

**COWORKING SPACE SUITE:****CHOICE AND VARIETY****NEAR TERM, NEXT STEPS:****Project real estate portfolio impacts.**

Plan for both square footage reduction and increases based on data and research. Study locations to trim real estate holdings where prudent.

LONG-TERM POLICIES:**Empathy in the workplace.**

Empathy training for managers and colleagues to understand how to give emotional support. Practice personal check-ins, including team meetings, client interface, and other group sessions.

**VIRTUAL COLLABORATION:****MERGING REMOTE WITH THE OFFICE****NEAR TERM, NEXT STEPS:**

Test pilot projects. Test productivity and technology with remote workers. Test workflow for productivity for teams. Test phased return to work option scenarios.

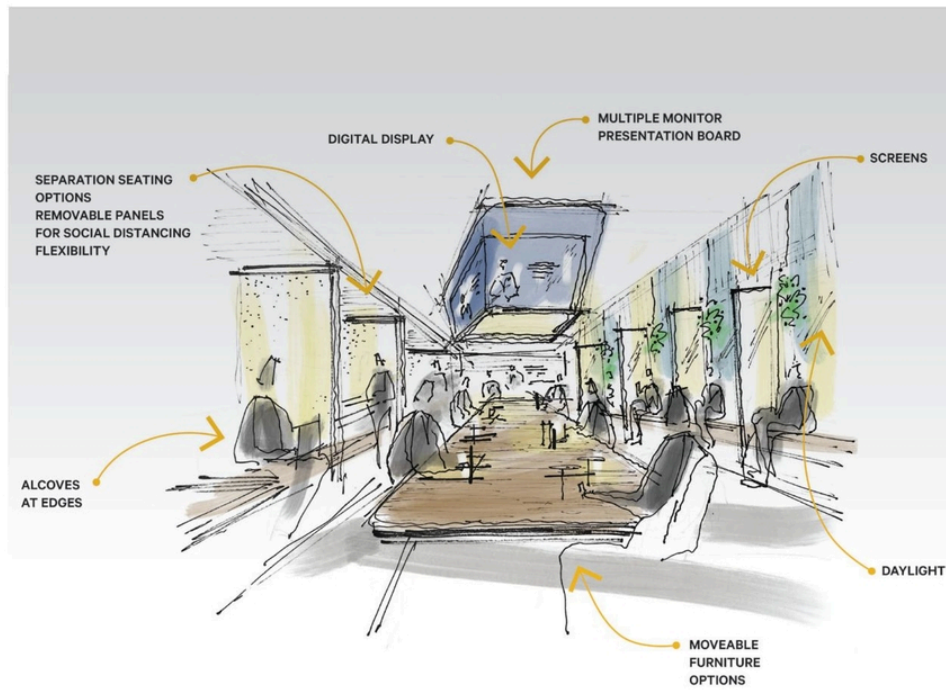
TRANSITION PERIOD, CHANGE MANAGEMENT STRATEGY:**Design for culture.**

Develop technology protocols for building culture—virtual happy hours, team activity sites, and shared experiences. Create in-office social and cultural zones for visiting remote workers. Provide a concierge service for in-office and remote workers.

LONG-TERM POLICIES:**Culture by design.**

Develop guidelines for spaces (real and virtual) that value and inspire participation and loyalty. Go beyond space to create networks and practices that promote company culture.

DESIGN IN ACTION

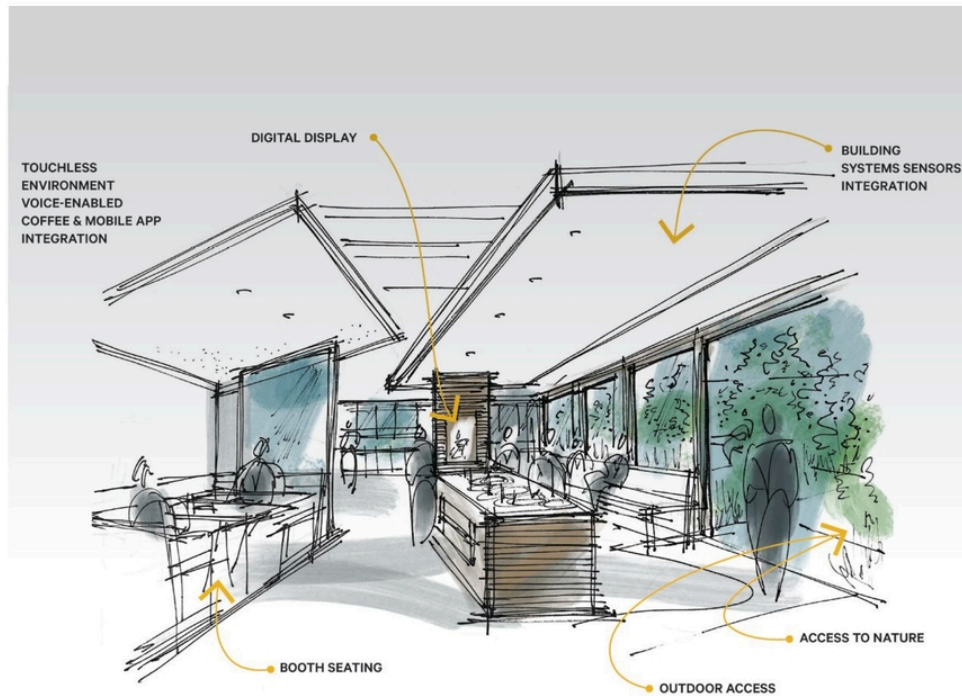


ALL HANDS: SEPARATE BUT TOGETHER
TRANSITION PERIOD, CHANGE MANAGEMENT STRATEGY:
Implement transparent communication.

Train new leaders to communicate clearly and manage based on outcomes and objectives rather than presence. Evaluate and reduce systems that slow organizational processes.

LONG-TERM POLICIES:
Diversity, equity, and inclusion.

Allow for a broader spectrum of specialists whose limitations could benefit from remote work to participate in the workforce. Consider new employees with physical and developmental disabilities as an additional in-office and remote work candidate pool. Partner with community and government to develop diversity, equity, and inclusion policies.



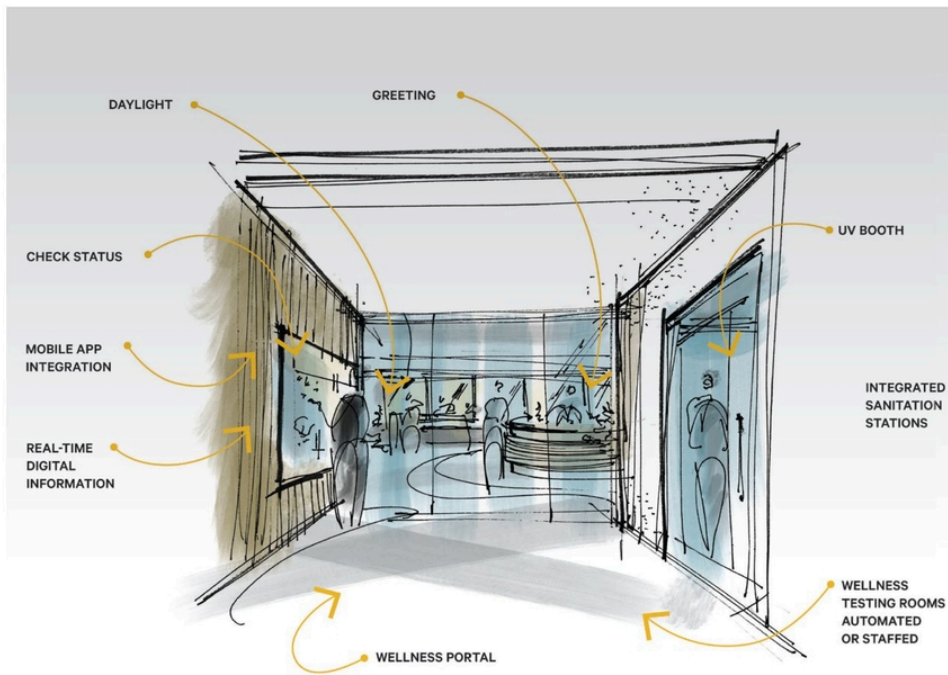
NEW SOCIAL SPACES:
TOUCHLESS AND VOICE-ENABLED

NEAR TERM, NEXT STEPS:
Develop guidelines.

Seating based on a mix of free address, assigned workstations, and social distancing guidelines. Return to work with a phased approach. Adapt amenity spaces to foster culture. Implement new health and wellness protocols.

TRANSITION PERIOD, CHANGE MANAGEMENT STRATEGY:
Roll out individual tech.

Limit communal tech uses, and provide wireless mouses, keyboards, and headsets to all staff. Refine platforms, apps, and workflows, in favor of seamless technology and touchless working. Enhance cleaning protocols for any remaining shared technology.



WELLNESS PORTAL:
INFORMATIONAL AND WELCOMING
 TRANSITION PERIOD, CHANGE
 MANAGEMENT STRATEGY:

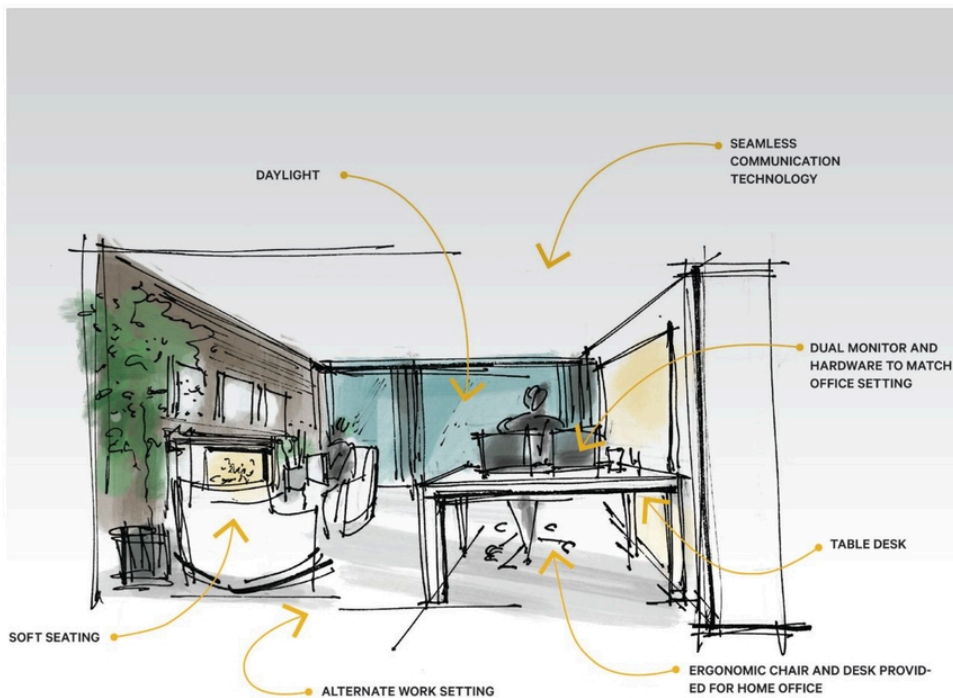
Learn from healthcare design.

Adopt healthcare design and maintenance protocols including cleaning regimes, materials selections, and integrated hand sanitation practices. Incorporate durable and antimicrobial materials into the workplace. Incorporate health and well-being education and programs for all employees.

LONG-TERM POLICIES:

Health and wellness.

Implement long-term policies for workplace cleaning protocols. Re-evaluate design protocols for social distancing. Leverage technology for health and wellness through mobile apps deployment, voice activation, and systems modification for healthier environments. Include additional resources for whole health practices: physical and mental, and emotional.



WORK-FROM-HOME KIT:
ERGONOMIC AND CONNECTED
 NEAR TERM, NEXT STEPS:

Calibrate % of remote working.

Determine which positions and people can work fully remote, partially remote, and in the office for short- and long-term durations.

LONG-TERM POLICIES:

Remote work flexibility.

Develop long-term policies for three primary worker types: in-office, remote, and those who do both. Provide at-home office package or allowance for efficient and productive work from home. Build in flexible policies to enable the workforce to pivot to remote work as circumstances evolve.

contract

DESIGN IN ACTION

Expert Perspectives: The Future of Hospitality

**Greg Bradshaw, Adam Farmerie, William Harris,
and Kristina O'Neal, Principals, AvroKO**

Founded by four original partners—Bradshaw, Farmerie, Harris, and O'Neal—New York-based AvroKO has established a new paradigm in the hospitality industry. The four principals met during college, then joined forces on a professional level in 2001. Since launching, AvroKO has earned a reputation as one of the most innovative hospitality design firms in the field. Today AvroKO has studios in New York, Bangkok, San Francisco, and London, with more than 200 design staff across the globe.

From where do you draw inspiration, and how do you develop new and innovative ideas into your projects?

KO: Inspiration is everywhere. We draw from history, fashion, art, and nature, among a million other sources. The real innovation comes from combining seemingly disparate ideas that become something new and distinct, while still retaining recognizable touch points that guests can relate to and be engaged with. For example, what happens when one combines the ideals of the Bauhaus teachings with the history of 18th-century horse stable design? Or how does a vision of Chinese fashion in the year 2030 blend with American recording studio aesthetics from the 1970s? Layering, both physically and conceptually, dancing between various eras, and artfully mixing the ideals of the past with a vision of the future is very important to our process.

What are some recent trends and new directions in hospitality that you're excited about?

GB: We're quite excited about being unshackled from static brick and mortar, singularly confined locations. This could include nomadic restaurants, ghost kitchens, and decentralized hotels spread throughout a neighborhood. This all allows for new interpretations of hospitality for virtually every sector.

What are the most challenging aspects of designing and running your own restaurants?

AF: Being one's own client can be a blessing and a curse. In the concept phase, there are so many ideas, and unlimited opportunities. There's a danger of being overwhelmed with possibility. Editing and focus then becomes critical. Once a clear vision coalesces, we're good at running with execution, having lived it for so long. However, once the doors open, it's no secret that the daily operations are an ongoing challenge inherent to the restaurant world. It's an industry that operates on razor thin margins, and so it's vital to have an amazing team that can create and maintain great quality while really keeping an eye on costs.

Branding has become so important in designing an interior. How do you incorporate branding into your hospitality spaces?

KO: The bedrock of our firm was built upon a holistic approach that celebrated the building of a strong brand, and then truly baking it into the whole experience. Brand integration is so much more than just slapping a logo on everything. The brand ideals and strategic vision really drives an entire space.

All your projects seem to tie back to a story. How does storytelling shape your designs?

WH: Storytelling is just one of the tools in our design arsenal, but a versatile one. Storytelling can be a framework for building a journey, and many times it can be quite subtle and work on a more subconscious level. For example, we explored Abraham Maslow's Hierarchy of Needs pyramid as a map to craft a vertical journey per floor of Mortimer House, a six-story members club in London, with each

progressive floor becoming a physical manifestation of his hierarchical strata. On the more overt side, for Nan Bei, a high-end Chinese restaurant in The Rosewood Hotel Bangkok, we mined the Chinese legend of the Weaver Girl and the Cowherd, two forbidden lovers who were only able to meet once a year in the night sky over a bridge of magpies. Narrative maps can inform everything from materiality, customer flow, or even how certain sight lines are constructed. Our architecturally integrated art features also allow for a hint of something deeper, but never tell the whole story. That's for the guest to complete with their own participation.

Can you give me some examples of the many areas of design you're engaged in today that you wouldn't have imagined a decade ago?

GB: We wouldn't have anticipated it a decade ago, but our notion of "hospitality everywhere" has manifested into some interesting applications. We're now developing new solutions in healthcare experience design through our sister company Brand Bureau, as well as the aviation and automotive industries at AvroKO. The blurring of boundaries of design and business intent has been significant, and it's a wonderful and fulfilling way to help shape the future.

What are you and your business doing differently in response to the COVID-19 pandemic?

AF: In the near term we are likely doing what all firms are doing: focusing on optimizing our remote working processes and technology while keeping human connection and productivity alive. What we may be doing differently for the future is drastically reconsidering the form and role of an effective office as a lab for innovation and collaboration, rather than, say, a typical sea of desks where staff feel obligated to spend X amount of hours per day with headphones on, all too often in an attempt to avoid distraction. We're committed to building a new forward-thinking office paradigm, where collaboration is nurtured and old, unproductive norms are discarded. High-tech, interactive war rooms, immersive materials libraries, virtual reality and production labs, etc. This is a perfect time to pause, consider, and reinvent.

What is your pulse on the industry?

AF: The industry will be hit very, very hard for the next year or so, but we're also anticipating a significant return to travel and dining out once the crisis dissipates. There will of course be some lasting effects: new procedures, perhaps some added inconveniences, but none that enterprising groups can't overcome and likely even spin into positive features. Our take is that the industry will rise to the challenge and pull from the great resources of passion and ingenuity that the hospitality world is known for.

How do we redesign hospitality spaces post-COVID-19?

KO: Safety and, equally important, the illustration of safety measures will become a baseline consideration for the foreseeable future. We also must be careful to be measured and intelligent in crafting long-term design solutions, versus extreme short-term solutions that may not be necessary within a year. Thresholds will get some added attention as entering and exiting rituals evolve as well. Of course, integrated sanitation, simplified design details that make cleaning more efficient, and hands-free anything will certainly have a moment.

How do you think COVID-19 will ultimately change the industry?

How do you think it will affect it in years to come?

WH: In the near term, consumers will likely choose quality over quantity. Fewer trips or nights out, but when they do have the opportunity to indulge, they'll go for it. On the flip side, we'll also likely see very inexpensive offerings thrive first, including local bars, food trucks, and casual pop-up restaurants with outdoor spaces. Operators and designers will be looking at outdoor spaces with an eye towards redesign for the long haul, with plenty of greenery to help break up spaces and keep people at a distance from one another. The industry will definitely be in a very creative mode as solutions need to be managed quickly, but we hope in the long run the primary tenets of hospitality stay firmly intact—to allow people to feel welcome, safe, delighted, connected, and significant in the places they eat, drink, and sleep.



Kristina O'Neal, William Harris, Greg Bradshaw, Adam Farmerie, *Principals*, AvroKO

contract

DESIGN IN ACTION

By Anna Zappia

1. Kwalu

Sciara Counter Stool

The Sciara counter stool has the look of a seat designed for hospitality environments, but it is ideal for wellness spaces, where extra comfort is desired. This lounge-type seat features a curvaceous back and cascading arms on tapered legs. A concealed clean-out helps eliminate the buildup of debris. kwalu.com

2. Camira

Carlow Fabric

This dobby weave panel material is designed to be paired with Camira's line of upholstery fabrics. Acoustically transparent, Carlow can be used as a decorative facing for sound-absorbing boards in spaces where noise abounds. Bleach cleanable, it is a suitable solution in interiors where keeping surfaces germ-free is imperative. camirafabrics.com

3. Luum

Top Coat Material

Top Coat by Luum is a faux leather made of 100 percent silicone. Inherently resistant to microbiological growth, silicone is ideal for use in education, healthcare, and hospitality settings. With increased elasticity and subtle texture, Top Coat is a true performance material that supports improved air quality and is antimicrobial and antifungal. luumtextiles.com

Fostering Wellness

As we grapple with changes to our work and lifestyles amid the COVID-19 pandemic, textiles, furniture, and even flooring can help us make the adjustment to a new normal. With a range of high-performance attributes, these products are both making our lives easier and enhancing well-being.



4. Maharam

Ample Textile

Taking inspiration from radio frequency bonding, Maharam designers created Ample. The knit texture is bonded to a foam backing and then embossed with linear channels. Only heat and pressure are used to create its resilient structure. Bleach cleanability, acoustic properties, and abrasion resistance make it ideal for upholstery applications. maharam.com

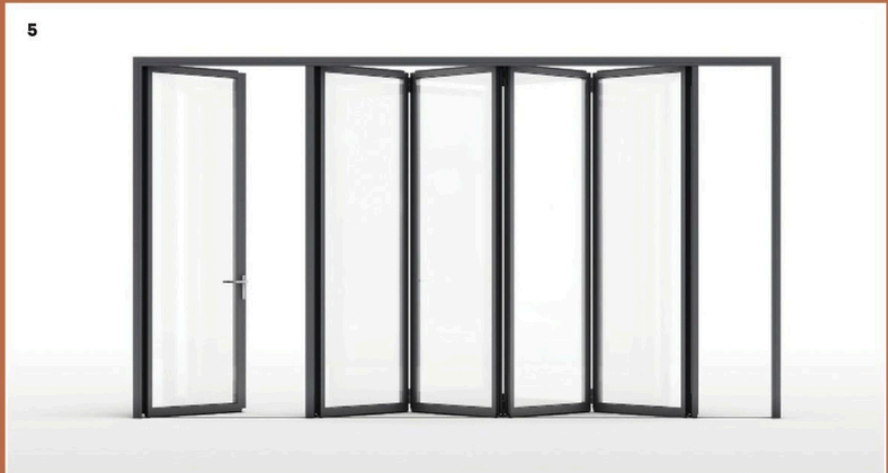


5. NanaWall

SL64 Folding Glass Wall

The SL64 folding glass wall is engineered for acoustical privacy and ease of use. It is the first floor-supported folding glass wall able to achieve sound control up to STC 45. The surface-mounted flush only has 15/16" of track exposed, creating truly seamless transitions between spaces. nanawall.com

5



6. Patcraft

Meaning Flooring

Natural elements of design merge with sustainable construction in Patcraft's Meaning flooring. This bio-based polyurethane resilient sheet is easy to clean and maintain. A durable product without PVC, ortho-phthalate plasticizers, or solvents, Meaning is Cradle to Cradle Certified Silver and FloorScore certified. Available in 10 colorways. patcraft.com



contract

DESIGN IN ACTION

8. Stance Healthcare

Huxley Collection

This collection from Stance Healthcare marries contemporary styling with superior structural integrity. Benches and occasional tables are designed to be paired together. There is a concealed clean-out space between seat and back, and heavy duty glides protect floors from damage. Seating is upholstered with antimicrobial fabrics, and a number of finishes are available. stancehealthcare.com

9. Construction Specialties

HUSH Curtain

Construction Specialties introduces HUSH, a privacy curtain designed with pockets that hold acoustical panels to provide sound absorption and promote calmer recovery environments. Manufactured and distributed in partnership with Chinook Acoustics, the patented design muffles noise by slowing the re-reflective velocity within a space. Easy to clean, it works with existing track systems. c-sgroup.com

10. Wolf-Gordon

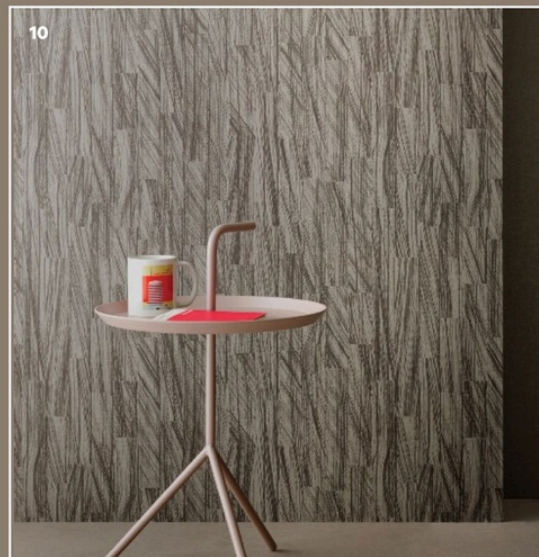
RAMPART Glaze Wall Protection

From the RAMPART wall protection line, Glaze features a brushstroke design that echoes the look of hardwood flooring. The proprietary topcoat resists stains common to healthcare interiors, and it is easy to maintain. The use of hospital-grade cleaning agents, including disinfectants, deodorizers, or peroxide, will not damage the product. wolfgordon.com

11. Teknoflor

Coordination Collection

This new flooring collection was created to enhance the organization of various elements in spaces, enabling them to work together seamlessly. Each option brings sophisticated design and versatility to patient rooms, corridors, and offices. The collection includes six products with unique visuals, in compositions designed for efficient integration. teknoflor.com



12. AVA**MRGE Flooring**

This flooring provides superior performance, especially in high-traffic areas. MRGE has a highly durable AMP finish—which provides 30 percent more scratch resistance compared with typical coatings. Each option blends the look of stone and other elements of nature, in a range of earth tones and concrete colorways. A total of 18 styles are available. avaflor.com

**13. Mannington Commercial****Bloom Collection**

Mannington Commercial introduces the Bloom Collection, featuring three coordinating styles of heterogeneous sheet specifically designed for healthcare and senior living spaces. This flooring is resistant to abrasions and stains, with no need for polishing. Organic forms are repeated to create mandalas that promote healing and rejuvenation, while the eight colorways soothe. manningtoncommercial.com

14. Carnegie**Xorel Artform Cascade**

This acoustic solution effectively sections off open office and wellness spaces for extra privacy. Layered baffles form a cascading divider that diminishes the impact of interior sound. The baffles are wrapped in Xorel, a bleach-cleanable, antimicrobial, and antibacterial material. It comes in four different shape options and three standard colorways. carnegiefabrics.com

15. Momentum Textiles**Endurance EPU**

This polyurethane material is extremely durable and scratch-resistant, ideal for health and wellness spaces. The suite of 14 solids, textures, and prints is cleanable with bleach and 27 other approved products. Endurance EPU is also a sustainable option, because zero waste chemicals and 56 percent less energy are used in production. memosamples.com



contract

DESIGN IN ACTION

16. Pallas Textiles

Haven Material

From the Gather collection, Haven is made of 100 percent silicone. It is a safe, environmental alternative to vinyl and polyurethane. Offered in a range of sophisticated colors, this upholstery material offers suppleness that contours beautifully on seating. Ink stains can be removed with water, and Haven is inherently antimicrobial and antibacterial.

pallastextiles.com

16



17. Arktura

Glide Desk Partition

This desk partition from Arktura can be used in the workplace or home office for added privacy. Users can choose from an affordable corrugated fiberboard version and the PET Soft Sound construction, which has an antimicrobial option. Available in three adjustable sizes, Glide helps create semi-enclosed workspaces that limit direct air currents.

arktura.com

18. Brentano

1206 Andes Fabric

From the Traveler Collection, 1206 Andes is ideal for use in high-traffic hospitality or healthcare settings. This solution-dyed polypropylene has outstanding durability at 100,000 double rubs. Bleach cleanable and resistant to bacteria, this material is ideal for indoor or outdoor upholstery and panel applications. It is available in nine colorways.

brentanofabrics.com

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19. VOLA

Electronic Faucet

In the wake of COVID-19, we are all washing our hands more frequently to stay healthy. This faucet, designed by renowned Danish architect Arne Jacobsen, is a masterful blend of form and function that elevates a utilitarian bathroom object. This hands-free version boasts an advanced motion sensor, keeping germs away from handles.

en.vola.com

20. Teknion**Naava One Slim Fixture**

Countless scientific studies have proved the benefits of having greenery in the workplace—including increased productivity. The Naava One Slim by Teknion brings a touch of nature to the office. A single piece can be secured to a vertical surface, or several can be grouped together to create a living wall installation.

teknion.com

21. Arc-Com**Talavera Fabric**

Hand painted Spanish and Mexican clay tiles served as the inspiration for Talavera. It can be cleaned and disinfected with bleach, making it suitable for use in hospitals or clinics. With a stain-resistant finish and a 125,000 double-rub abrasion result, it is not only colorful but also offers superior performance.

arc-com.com

22. DuPont**Roccia Tedlar Wallcovering**

From the Avant-Garde collection, the Roccia Tedlar wallcovering is resistant to mold, mildew, and bacteria. It is also easy to clean and can stand up to harsh products like bleach and alcohol-based solvents. Roccia Tedlar's protective film does not break down over time, even after multiple cleanings.

dupont.com

23. Skyline Design**Dignity Glass**

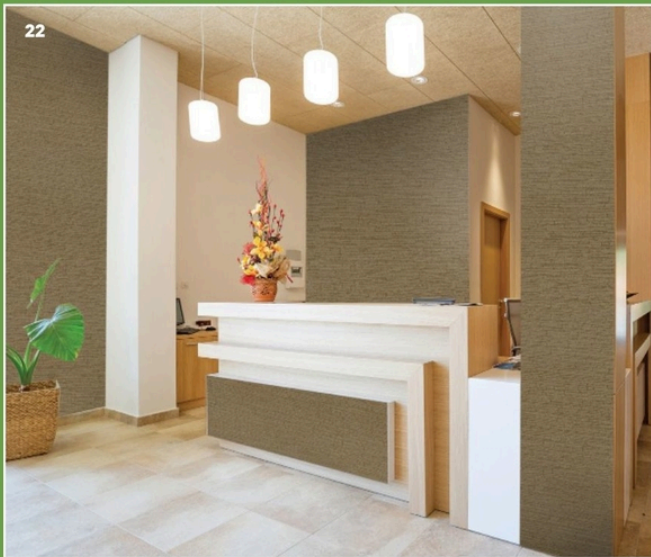
Dignity Glass is an ideal choice for product is nonporous, making it difficult for bacteria to adhere, and it can be quickly disinfected. It allows for privacy while maintaining visibility for the care provider. Fabrication specifications include low-iron, tempered safety glass and laminated glass.

dignityglass.com

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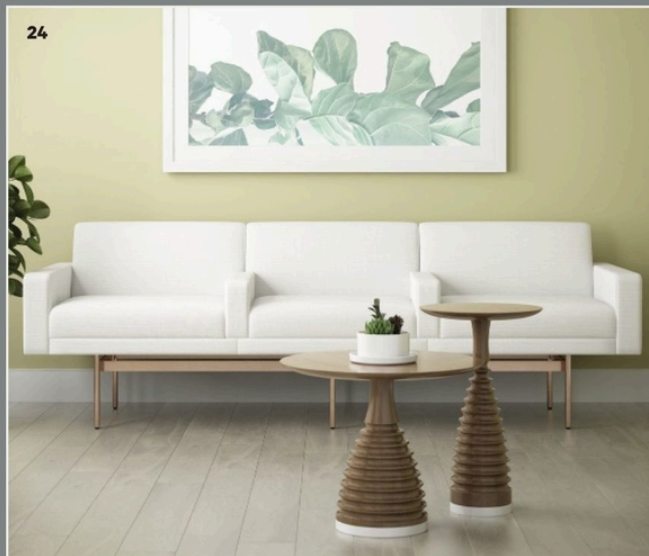


contract

DESIGN IN ACTION

24. Kimball Health Whittaker Health Collection

A new modular line collection from Kimball Health, this furniture features slender volumes with a sleek industrial look. The pieces can serve as independent elements, or be combined to adapt to all types of interiors. The upholstered bodies and cushions feature clean-outs for ease of cleanability, a requirement in healthcare settings. kimball.com



25. C.F. Stinson Balance Collection

Balance is a healthcare textile collection featuring Sunbrella Assure, a sustainably engineered, fluorine-free technology that delivers water-based stain repellency. With added durability, these fabrics are best suited for high-traffic areas. Available in a range of designs that take their inspiration from nature, like leaves, flowers, and constellations. cfstinson.com



26. Designtex Raia and Encircle Fabrics

These coated upholstery fabrics reference forms, textures, and colors found in nature. Intensive testing was completed to ensure that they meet the stringent requirements of healthcare spaces, while still being appropriate for hospitality and education environments. Both textiles were engineered to withstand repeated cleaning and disinfecting with bleach. designtex.com



28. Mayer Fabrics

Tekloom Fabrics

New to the market, Tekloom represents an innovative product category. These woven textiles are chemically bonded with the durable components of coated fabrics. This technology uses Themo-Plastic Elastomer in these fused materials, designed for commercial upholstery. They exceed 1 million double rubs, and are bleach cleanable, antimicrobial, and antibacterial. mayerfabrics.com



29. KnollTextiles

Signal Fabric

From the Destination collection, Signal is a new privacy fabric. Made of Trevira CS polyester, it has a combination of subtle pinstripes and an ombre effect. The weight and value of the color read equally on the front and back, creating balance. The palette consists of six non-age, non-gender specific colorways appropriate for healthcare. knolltextiles.com



30. Bendheim

Houdini Glass

This specialized, decorative architectural glass from Bendheim delivers both privacy and daylight, making it an ideal solution for healthcare and education facilities. Designers can specify this product for walls, partitions, or screens. The naturally hygienic, nonporous surface withstands daily sanitizing with most commercial cleaners. It's also a budget-friendly alternative to mechanical privacy controls. bendheim.com



31. Sherwin-Williams

Paint Shield

Paint Shield is registered with the Environmental Protection Agency and is the first paint that kills more than 99.9 percent of Staphylococcus aureus, E. coli, and Enterobacter aerogenes on painted surfaces within two hours of exposure. It continues to kill 90 percent of bacteria for up to four years when the integrity of the surface is maintained. sherwin-williams.com



contract

DESIGN IN ACTION

Expert Perspectives: The Future of Retail

David Cassidy, AIA, NCARB, Senior Vice President,
CallisonRTKL

Cassidy is a senior vice president in CallisonRTKL's Dallas office. As the retail practice area lead, he is responsible for the firm's global retail efforts. He also co-directs the advancement and synthesis of technology and mobility throughout the practice areas. With more than 35 years of diverse experience, Cassidy has a client list that includes Bloomingdale's, Saks Fifth Avenue, Hudson's Bay, JCPenney, AT&T, and the Ala Moana Center.

Would you say retail is in crisis? If so, what changes must the industry make?

Retail was in the throes of reinvention long before the COVID-19 crisis. The pandemic has merely escalated the urgency for change. It will weed out the weak retailers, leaving a stronger path to recovery for those who survive.

Successful direct-to-consumer (DTC) retailers are realizing that brick and mortar is still a significant method to attract new customers and increase revenue. DTC companies such as Warby Parker and Allbirds have discovered they can successfully translate their strong digital presence into the built environment. Working seamlessly across physical and digital channels and understanding how customers shop both in the real world and online is at the core of many brands' success. For the built environment, DTC retailers utilize the highly curated showroom model as a way to reinforce the brand and company ethos.

This is not to say you forgo technology in-store. Rather, as consumer behavior evolves, so does the integration of technology. The continuation of the in-store experience can happen as you walk down a shopping center or the high street—technology allows retailers to create a continuum from online to store and back.

How would you characterize the most interesting things happening in retail? Can you name some interesting under-the-radar brands?

The retailers who do more than just retail. Brands like Toms that have a one-for-one business model (donating a pair of shoes for every pair sold) and go beyond the bottom line are growing and developing their customer loyalty. A desire for brands that have a strong social responsibility started with millennials, but we're seeing it reinforced now by Gen Z.

Apolis is a certified B corporation and a brand that invests in people globally; they sustainably source and pay living wages to foster global resiliency for the people who construct their apparel and market bags.

Pop-up stores are an interesting and fun design exercise—there is something quite liberating in creating a temporary solution. Pop-ups allow for real-time customer insights to emerge and then shape the formal brick-and-mortar store design.

What are the biggest challenges in retail design?

As we move into a post-COVID retail world, our whole industry is challenged to understand how people will shop, taking into account social distancing and the need for wider aisles, as well as the importance of hygiene and cleaning. Some of this has to do with tactical implementation to meet health requirements and some is a response to customer perception around cleanliness and safety.

Going forward, the challenge will be identifying the best way to add social distancing protocols. We were moving toward a customer who demanded more interaction within store environments. Now customers are showing caution toward—even fear of—that very interaction.

What are some potential answers to these design challenges?

Our personal mobile devices are part of the solution. We can navigate our own experience with the safety of social distancing built in. Personal devices

are currently used for comparison shopping, loyalty programs, and product information research. They convey our experiences, likes, and dislikes through social media channels, and give us the ability to make one-click purchases. The challenge for store designers is to create and leverage this technology to synergistically enhance the physical environment while maintaining relevancy.

Establishing more opportunities for meaningful customer engagements is another piece of the solution. Personal curation between app/personal device and in-store experiences is an example. Imagine browsing in-store, a notification pops on your device to use your headphones—and all of a sudden, a custom, curated playlist appears that ties to merchandise and heightens the in-store experience.

In this way, DTC brands, with their integrated digital/data analytic infrastructure, have a lot to gain by moving into physical retail. For legacy retailers, data and analytics will allow them to do what they do best: deliver that one-on-one connection with a customer.

What are you and your business doing differently in response to the COVID-19 pandemic?

The pandemic has fast-tracked and reinforced the core tenets of our business. The effect we have as a global design firm has been emphasized during this time. The direct impact the built environment and industrialization has on the earth is more evident than ever. Air pollution is diminishing, the earth is restoring itself. We have a social responsibility to do more. The design community has a real obligation to improve our well-being, our communities, and the global ecosystem to help us thrive collectively. This transcends to holistic resiliency—environmental, economic, societal—at the core, and being attentively human-centric with the places we create. Now is the time for our industry to take a larger jump—get past efficiencies and get to impact.

How will retail change because of COVID-19?

Maintaining a high level of interaction to maximize the experience of the customer while engaging in new social distancing protocols will be one of our biggest challenges. It is not as simple as placing sanitizer stations at entryways and distancing employees from customers with plexiglass barrier screens.

Technology and mobility are critical to the success of retail. Contactless transactions have been available in other countries for years. It has begun stateside, but the pandemic has certainly expedited the implementation. From there greater integration with AR/VR/XR should take hold. With in-store experience mirrors and app-based preferences, we can see how we look in clothes or jewelry without having to physically try them.

From a less tech-forward standpoint, appointment-based shopping is an area many retailers have struggled with—it may now become the norm. These are all opportunities to get the experience right, make it personal and seamless, and still let people experience retail in the real world.

What are your hopes for the future of retailing?

Retail is an ecosystem of brand touch points—physical, digital, face-to-face, and automated. Design doesn't begin with a simple interior fit-out. It begins with an analytical dissection of the customer, their experience, and the connection to the brand. This trend will continue, and we are excited about it; it reinforces what is at our core a human-centric focus to design.

I hope that we can creatively expand the connection and utilization of technology as an enhancement that improves the physical shopping experience without numbing it. Let's be clear: Some product purchases are more efficient and enjoyable online, but many others really require a hands-on customer experience. The future of retail and the need for retail designers depends on understanding which products require the physical space to experience them. Then we must create those environments and make them memorable.



David Cassidy, AIA, NCARB, *Senior Vice President*, CallisonRTKL

contract

MATRIX

Workplace

Comfy residential styles and hospitality aesthetics still inform the workplace-furniture market, while our current working-from-home situation is schooling us in what tips we could steal from the corporate office. It's no wonder that recent products are being created to sate such tastes for crossover design. Here are some of our favorites.



Poppin: Protective Acrylic Shield
poppin.com

Timely for today, this acrylic shield helps protect office workers from others' sneezes and coughs. The clip-on units are offered in two widths, three for the freestanding version. The side panels adjust to 45- or 90-degree angles.



Louis Poulsen: AJ Royal Light
louispoulsen.com

Originally conceived for the SAS Hotel in Copenhagen, Denmark, this Arne Jacobsen-designed pendant is revived to celebrate the 60th anniversary of the hotel's opening. It is available in black or white and in three sizes.



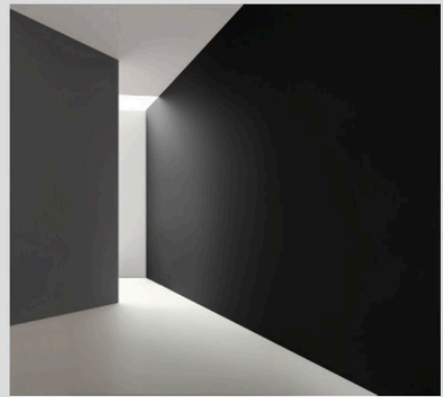
Usona: Conference Table 13158
usonahome.com

This large-scale conference table has a top that is available in oak, walnut, or cherry wood. The sculptural pedestal base is available in wood or brushed aluminum, and users can choose from seven sizes.



Davis: Brace Table
davisfurniture.com

Jehs+laub channels technological precision and midcentury modernity in this solid-wood table with architectural legs. The latter can be specified in molded wood or solid steel, while the top comes in oak or walnut.



Interior Arts: Fresh Data Laminate
ialaminates.com

At once both simple and luxurious, these laminates feature subdued and trending tones but with complex finishes ranging from woodgrain textures to fingerprint-proof matte surfaces. The line offers 20 different designs.



JANUS et Cie: Anatra Teak High Back Lounge Chair
janusetcie.com

The Anatra outdoor seating collection now includes this teak lounge chair designed by Patricia Urquiola. Its handwoven rope back comes in a neutral palette or with a cyan stripe for a pop of color.



Room&Board: Slim Table
roomandboard.com

As its name suggests, Slim sports willowy legs and bases on coffee and end tables, including this C-shaped table that's suitable as a pull-up laptop desk. Available in 16 colors ranging from neutral graphite to vibrant tangerine.



Mohawk Group: Smart City Carpet System
mohawkgroup.com

This Living Product carpet system, designed in collaboration with Gensler, references transit maps of urban areas with linear patterns across a base inspired by the rhythm of cities. Offered in 12-by-36-inch planks.



OFS: Vide Shelving System
ofs.com

This flexible shelving system offers a mix-and-match kit of parts, from stackable steel frames to a leather sling component. Finish options include 19 powder-coat colors, three leather options, and either ash or walnut.



Division by Keilhauer: Division Twelve Furniture
division12.com

Acquired by Keilhauer, Division Twelve boasts a wide range of side and armchairs, stools, benches, and tables, all made more whimsical with their candy-coated tubular legs and frames.



Trinity Furniture: Vroom Seating
trinityfurniture.com

Vroom has a cradle of molded polyurethane foam that is reinforced with structural steel for superior comfort and support. A wide selection of standard metal and wood bases are available.



Interface: Brushed Lines Flooring
interface.com

This LVT series sports diffused linear textures in shades of 16 hues reflecting the on-trend industrial aesthetic—but it doesn't compromise performance. It's constructed with 39 percent pre-consumer recycled content.



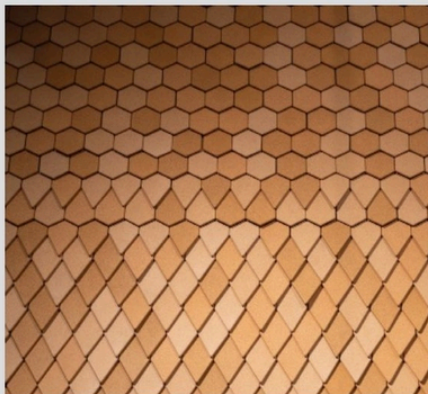
Stylex: Still Panel Collection
stylexseating.com

Highly customizable, Still panels create different levels of privacy within open-plan zones. The panels feature upholstered and slatted-wood sections, come in a range of widths and heights, and integrate power.



Tarkett: Brushed Lines Flooring
tarkettna.com

Designer Jhane Barnes lends her complex patternmaking expertise to this carpet line defined by tiny repeating modules. The result is a soil-hiding pattern produced with Tarkett's Powerbond or Ethos Modular.



Scandinavian Spaces: Saga Tiles
scandinavianspaces.com

These sound-absorbing cork tiles from NordGröna reference the shingles found atop centuries-old stave churches in Scandinavia. Available in four shapes, the tiles are laid using a patent-pending click system.



Nienkämper: Patkau Bench
nienkamper.com

From the Patkau collection, this bench consists of two solid wood sections, interconnected with a sculptural stainless steel disc. The minimal details emphasize the clean geometric lines of this stylish piece.

contract

MATRIX



Stylmark: AXIA Flexible Surface System
stylmark.com

This architectural extrusion system can be used to transform walls, columns, ceilings or elevator cab interiors. Five panel styles are available, and they can be mounted vertically, horizontally, or diagonally.



Elkay: Smartwell Beverage Dispenser
elkay.com

The Smartwell allows users to create custom beverages, including sparkling, still, or flavored water. Waste from aluminum cans and plastic bottles is reduced, and nutritional information is available on the touch screen.



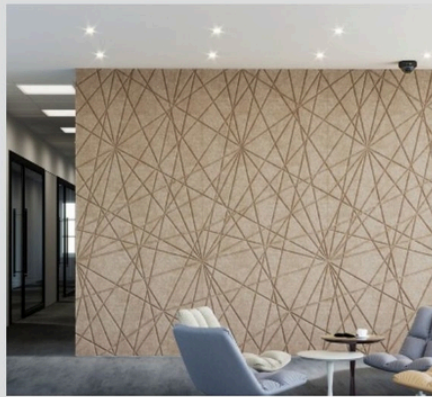
Studio TK: Sly Occasional Table
studiotk.com

While Sly appears lopsided, it's a level surface set into an angled bezel. Comprising side, occasional, and coffee tables, the Sly series offers powder-coat bases with linoleum, laminate, veneer, or back-painted glass tops.



Ki: Tattoo Flex Screen
ki.com

This screen allows employees to expand or contract workstations for individual work or team collaboration. The unique base design allows the screen to stand independently, and a variety of inserts can be added.



MDC: Zintra Sculpted Panel
mdcwall.com

From the Zintra 3.0 line, Sculpted is a flexible, colorful acoustic panel. It is ideal not only in newly designed spaces but also in retrofitted interiors in need of sound control.



Humanscale: NeatUp Cable Management System
humanscale.com

NeatUp installs along a table leg and is designed to move with the desk as it is adjusted up or down. It includes a six-plug power strip to support multiple devices, and allows users to tuck cables neatly underneath the desk.



ATI Decorative Laminates: MirroFlex Structures
atilaminates.com

These textured, three-dimensional thermoplastic wall panels and ceiling tiles are lightweight and easy to install. They are an ideal alternative to tin and acoustic ceilings. Available in a number of finishes and patterns.



ANP Lighting: MDA12 Pendant
anplighting.com

From the M+D collection, this dimmable LED fixture pairs style with balanced illumination. The spun aluminum pendant enhances any office interior, from large conference rooms to employee break rooms.



Sandler Seating: Moon Chair
sandlerseating.com

Designed by Mac Stopa, this chair from the Moon series pays homage to the lunar body. The flexible seat and backrest of soft-touch urethane adapts to body posture for superior comfort.



Arcadia: AllSorts Benches
arcadiacontract.com

Characterized by soft curves, these benches are built on an ash wood platform, and are specifiable in a range of finishes and colors. Under-seat power and table options are available for added flexibility.



Hightower: Ziggy Table and Stool
hightoweraccess.com

Designed by Brad Ascalon, this table and stool was made stackable and easy to move. These pieces allow users to create their own workspace anywhere, whether working from home or at the office.



Versteel: Arvo Table
versteel.com

Designed by Roberto Lucci, this table's tapered leg features a sleek metal reveal. Round, square, or rectangular options of various sizes can be specified. Users can choose a mix of materials to complement any interior.



Aceray: Unico Loveseat
aceray.com

A new addition to the Unico privacy seating line, this love seat is an excellent option for those looking for separation space in common areas. Less cramped than traditional work pods, it allows staff to collaborate in comfort.



Mockett: WM40 Cable Tray
mockett.com

This tray allows users to keep bulky cables neat and out of sight. It has open-ended modular sides so additional extension pieces can be added as needed to fit custom length installation.



HAY: Dorso Lounge Chair
us.hay.com

Designed by GamFratesi, this chair has a rounded exterior and a rotating base. The compact dimensions, swivel mechanism, and comfortable cushioning make it an ideal option for the office or home base.



SitOnIt Seating: Mavic Chair
sitonit.net

With built-in lumbar support from tension mesh, and an eight-hour endurance cushion, this chair makes working more comfortable. Ten mesh and 12 accent color options are available to complement any office decor.



Andreu World: Dado XL Curve sofa
andreuworld.com

An addition to the Dado modular-sofa system, these curved units afford even more diversity in configuration, ranging from circular to undulating and more. Their chunky appearance, meanwhile, exudes comfort.

contract

COMPETITION

2020 ALA/IIDA LIBRARY INTERIOR DESIGN AWARDS

PHOTOGRAPHY: W. WORKSPACE

By Belinda Lanks

As print media declines and social media ascends, what role can a library play for a community, and how do books factor into it? These questions are at the heart of every winning design in this year's Library Interior Design Awards, a biennial competition hosted by IIDA and the American Library Association to honor excellence in library interior design and promote innovative concepts. Each of the nine winners demonstrate that while there's still a place for books in these essential institutions, libraries also bring people together through a wide variety of events and exhibitions.



ACADEMIC LIBRARIES 30,000 SQ. FT. AND UNDER

Project **Architecture Library, Chulalongkorn University**
Where **Bangkok, Thailand**
Designer **Department of ARCHITECTURE Co.**

Beyond a place to find and read books, the Architecture Library at Chulalongkorn University is designed to be a "creative incubator." Co-working, exhibition, and event spaces, in addition to traditional stacks, are intended for both solo and collaborative learning. In the quiet zone, carrels surrounded by luminous partitions, reflected in the mirrored ceiling above, cut down on distractions for individual study. On the top floor, pixel-like steps form a reading area that can be transformed into an auditorium for the occasional lecture or movie.

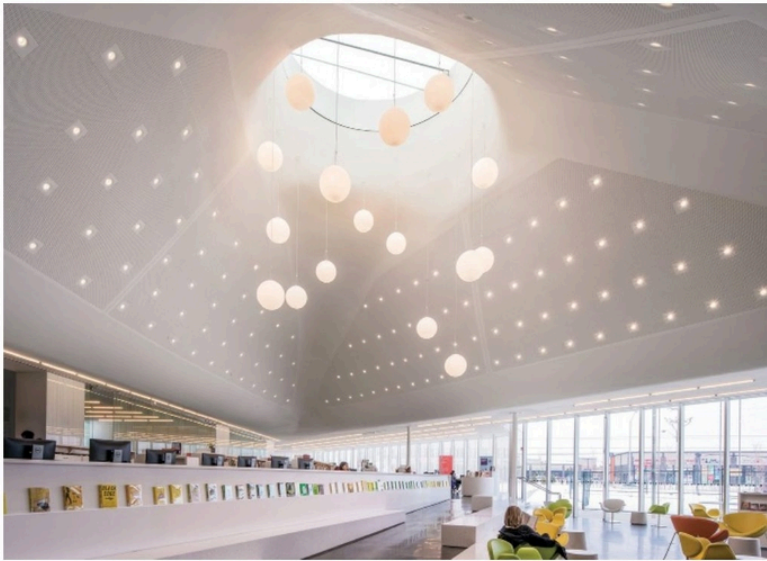
PHOTOGRAPHY: GABE BORDER AND GIBSON PHOTOGRAPHY (TOP); NIC LENOUX, ONE BY RDHA (BOTTOM)



PUBLIC LIBRARIES 30,000 SQ. FT. AND UNDER

Project **(Re)imagining The Community Library**
Where **Ketchum, Idaho**
Designer **RATIO with Nicole Snyder Interiors**

The Community Library, in Ketchum, Idaho, is an atypical nonprofit: Instead of receiving government funding, it survives through private donations and revenue from a thrift store. A core objective of the renovation, spurred by eroding infrastructure, was to bring a sense of coherence to a 27,000-square-foot mountain-lodge-like structure that had expanded patchwork style over 40 years while retaining the integrity of the original architecture. Indianapolis-based architects RATIO removed walls at key junctions to improve navigation and bring a feeling of expansiveness to the interior. Large diagonal beams for select walls, combined with a signature "mountain of books," reference Idaho's mountain landscape. Redwood panels reclaimed from a historic water tank serve as end panels of the stacks and a nod to local history.



PUBLIC LIBRARIES 30,000 SQ. FT. AND UNDER

Project **The Springdale Library and Komagata Maru Park**
Where **Brampton, Ontario**
Designer **RDHA**

Located in a Toronto suburb, the new Springdale Library (with its surrounding Komagata Maru Park) stands out as a progressive architectural expression on an irregularly shaped site: triangular at the street and constrained by a commercial plaza, a main road to the south, and a natural ravine to the north and west. The architects' solution positioned the library as close to the street as possible, asserting the building's presence, and channeled interior views toward the ravine. The floor slab of the interior and the ceiling and roof plane of the library structure mirror the flat landscape of the park, and the building's undulating facade further connects the interior to the outside.

contract

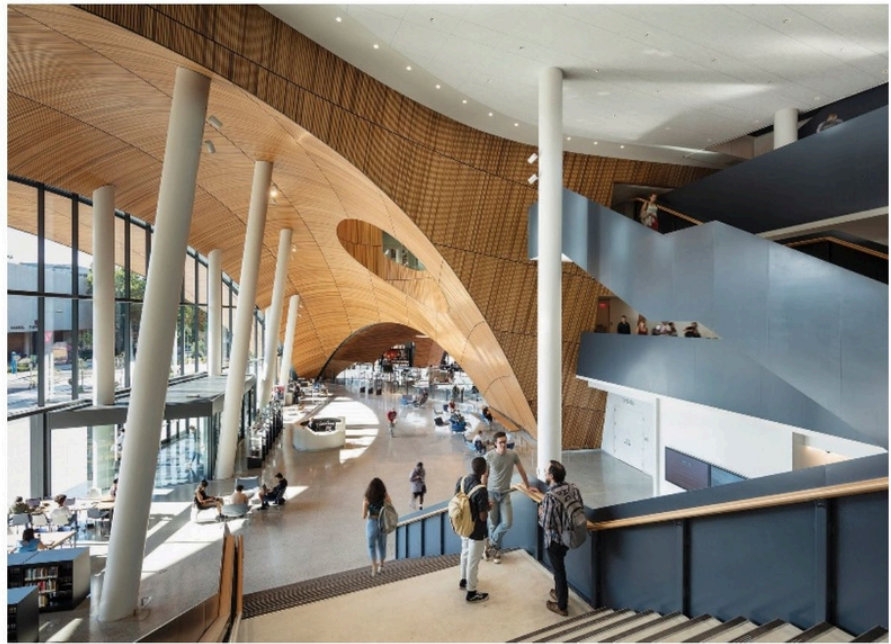
COMPETITION



ACADEMIC LIBRARIES OVER 30,000 SQ. FT.

Project **Temple University, Charles Library**
Where **Philadelphia**
Designer **Stantec and Snøhetta**

The two wide, arched portals to Temple University's new Charles Library beckon all Philadelphians to enjoy the facility no matter their discipline, major, or socioeconomic background. To allow access to the university's 2.1 million volumes, the design team implemented a computer-managed automated storage and retrieval system, reducing the space required for book storage and allowing the university to expand its services within the 220,000-square-foot interior. As people move through the building, visual and physical connectivity encourages them to make the most of the available resources. The lobby's domed atrium, for example, serves as a wayfinding anchor while offering views to every corner of the building. An oculus carved into the expansive cedar-clad dome pours light into the lobby.



PHOTOGRAPHY: MICHAEL GRIMM PHOTOGRAPHY (TOP), JAMES EWING (BOTTOM)



ACADEMIC LIBRARIES 30,000 SQ. FT. AND UNDER

Project **Ethical Culture Fieldston School Tate Library**
Where **Bronx, New York**
Designer **Architecture Research Office**

Built in 1970, Tate Library was an outdated building needing an upgrade to better serve as the Ethical Culture Fieldston School's educational commons. The building's new, spacious interior provides greater access to books, information, and technology, while functional and flexible zoning supports multiple approaches to teaching and learning. A freshly built one-story entry vestibule connects the adjacent art building to the library and creates a multipurpose lounge and art gallery for student work at ground level. The expansive 7,500-square-foot area on the second floor is the largest communal space on campus and an inviting study area. On the third floor, a bank of west-facing small and medium-size collaborative work rooms with glazed acoustic partitions allow borrowed light to reach the central book stacks.

PHOTOGRAPHY: SCOTT FRANCES

ACADEMIC LIBRARIES OVER 30,000 SQ. FT.

Project **NYU Special Collections Library**
Where **New York**
Designer **CannonDesign**

For the Special Collections Library, located on two floors of New York University's Bobst Library, the design team drew inspiration from the school's location; the building's architect, Phillip Johnson; and the collections themselves, which span the evolution of the 1990s feminist punk movement Riot Grrrl to the downtown art scene from the 1960s to today. Since the existing exterior envelope system could not provide the temperature and humidity control required for proper stewardship of the collections, the designers used a box-in-box construction to create a new air and vapor membrane. The architects traced the existing trusses with light, clad them in acid-etched glass, and repurposed them as the collection's new galleries. In the reading room intended for quiet study, the floating and curving veils above the tables reference Johnson's scalloped exterior facade.





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COMPETITION



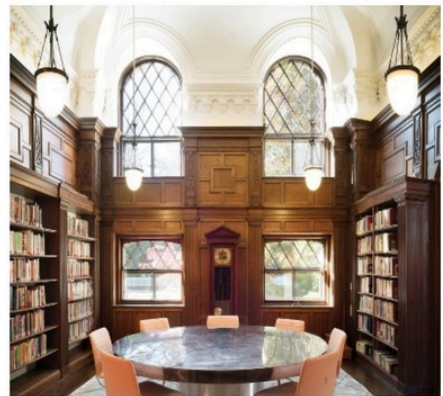
SPECIAL LIBRARIES 30,000 SQ. FT. AND UNDER

Project **The Center for Fiction**
Where **Brooklyn**
Designer **BKSK Architects**

The Center for Fiction announces its mission with a billboard-like wall of books in the ground-level bookstore visible to passersby through street-facing floor-to-ceiling windows. While reading and writing are solitary, intimate activities, BKSK also included spaces to accommodate group programming. In the second-floor Writers Studio, a quiet space for work is seen from the street, visibly connecting writers to the city. Literary quotes, illustrations, and author portraits throughout the space immerse visitors in the world of words. The design team reused decor from the center's collection, as well as commissioned local artisans to fabricate custom furniture, including a bench composed of discarded books and café tables made from compressed recycled paper.



PHOTOGRAPHY: MICHELLE ROSE STUDIO (TOP); GARRETT ROWLAND (BOTTOM)



OUTSTANDING HISTORIC RENOVATION PROJECT

Project **Scoville Memorial Library**
Where **Salisbury, Connecticut**
Designer **Bristow Proffitt Studio**

The first publicly funded library in the United States, the Scoville Memorial Library had to correct some poorly conceived renovations to make room for an expanded children's room, an adult reading room, and three new meeting rooms. To create a new kids' section, Bristow Proffitt Studio cut a hole in the floor and dropped in a stair to the formerly unused above-ground basement with direct access to a new garden. A vaulted fireplace room, formerly the children's library, became the adult reading room. Above an old plaster drop ceiling, the designers discovered a barrel vault, which they exposed, allowing more natural light into the space through the large windows.

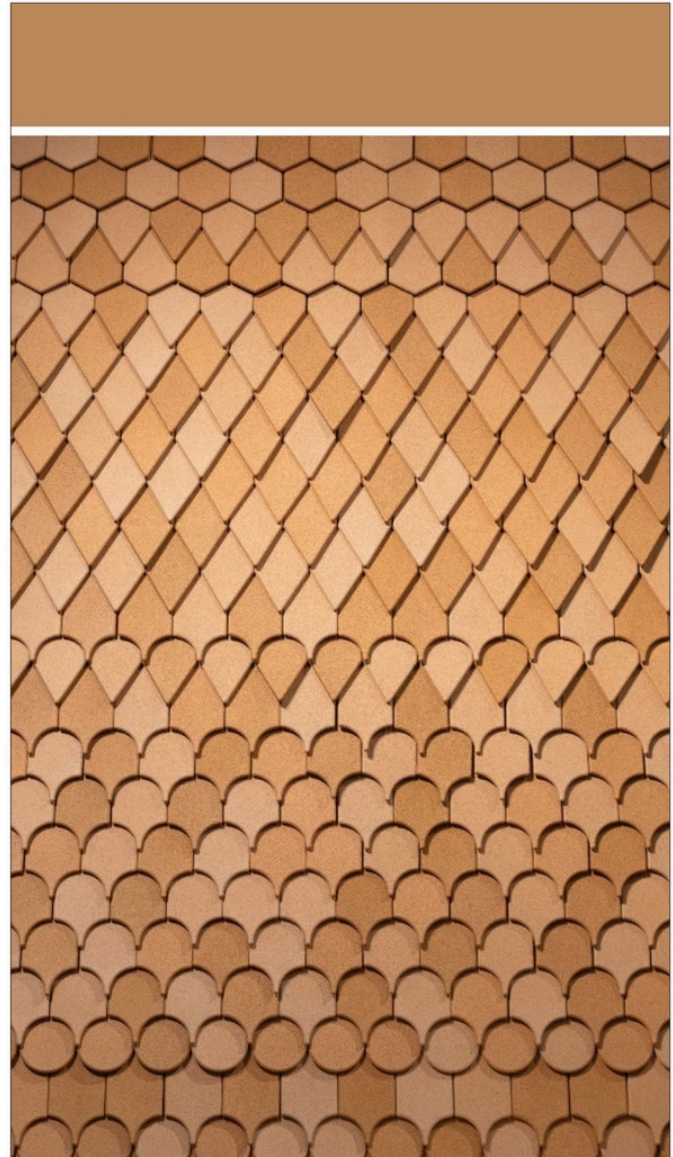
PHOTOGRAPHY: ELYWORKS PHOTOGRAPHY



OUTSTANDING HISTORIC RENOVATION PROJECT

Project **Milby High School Library Renovation**, Houston ISD
Where **Houston, Texas**
Designer **Kirksey Architecture**

The renovation of Milby High School's library retains the 1926 historically significant structure as the heart of the school and wraps 240,000 square feet of new construction around a central courtyard. Now a learning commons, the library also includes dining and multipurpose spaces filled with adaptable furniture for collaboration, as well as low mobile bookshelves that allow for better sight lines. The designers maintained a connection with the old structure by preserving and reusing materials and historic details (such as the terrazzo floors, concrete structure, and clay brick), helping them earn a LEED Silver Certification for Schools.



Put some cork in it

Stave off boredom (and noise) using Saga click-connecting cork shapes.



scandinavianspaces.com

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DESIGNERS SELECT

Healthy Environments

From seating to surfacing, designers share their go-to products for healthcare projects

Amir Kripper, AIA



Founding Principal
Kripper Studio
Boston

WE Cork: Corkoleum Flooring

wecork.com



"Design concepts can prevent injury and infection for healthcare workers. For instance, choose cork instead of soft carpeting for flooring. Corkoleum achieves the same cushioning while presenting the aesthetic qualities of wood. Cork is also easier to clean and disinfect."

SOSS: UltraLatch Doorknob

soss.com



"Key values with which to approach design for healthcare and senior living: dignity and self-determination. For example, how can we adapt the doorknob for ease and accessibility? The SOSS UltraLatch diminishes the need for wrist motion, which is ideal for individuals struggling with arthritis."

Walalight: Circadian Rhythm Lighting System

walalight.com



"Adults with dementia or Alzheimer's disease rely upon circadian rhythms to bolster memory care. We can address this through design with the Walalight, which is extremely useful in rooms that lack access to natural light. It is easy to integrate and functions like any typical dropped ceiling fixture."

Cheryl Hanson



Interior Designer
EwingCole
New York

HBF Textiles: Curtain Wall Textile

hbftextiles.com



"Curtain Wall provides a sophisticated pattern with a bleach-cleanable solution capability. The color options are fresh and can tie into many palettes."

Patcraft: Admix

patcraft.com



"A favorite go-to flooring when facing budget constraints, Patcraft Admix offers a monolithic terrazzo texture look. Designers can add weld-in seams, making it playful or classic, depending on the project aesthetic."

Coalesse: Lagunitas Focus Nook

coalesse.com



"Lagunitas Focus Nook optimizes space within an open plan while staying centered. This Nook could also provide queues for social distancing in waiting lounge spaces without having a full visual barrier, maintaining lines of sight and an open atmosphere."

Gina Weckel



Senior Interior Designer/
Associate
Ballinger
Philadelphia

3form: Varia Ecoresin

3-form.com



"This is an extremely versatile product that allows you to custom select the interlayer color, pattern, and texture. For a recently completed project, we matched a wood interlayer from a wood veneer sample. The product is lightweight while offering maximum durability and excellent chemical resistance."

Davis: Radius Lounge Series

davisfurniture.com



"This series provides great flexibility with endless configurations, a sweep-through area between the seats and back, and healthcare legs."

Corian: Solid Surface

corian.com



"This durable hygienic material has limitless possibilities and uses. In one healthcare project, we are using this product in many applications as it offers seamless organic shapes, translucency, and custom-printing capabilities, and can be used for countertops, sinks, and wall protection."



Presented by The Center for Health Design
in partnership with Healthcare Design magazine

HEALTHCARE ENVIRONMENT AWARDS | 2020

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Review award categories, submission requirements and recognition opportunities
healthdesign.org/hea2020

Submission Deadline: July 15

Winners will be announced at The Center for Health Design's awards presentation at the 2020 Healthcare Design Expo & Conference in Nashville, and featured in Healthcare Design magazine, and in other high-profile, industry-wide presentations, events, webinars and communications.



COMPETITION

a new virtual reality

Scandinavian Spaces offers a digital tour of its winning student-designed ICFF 2020 booth, created through a competition with the Texas State University Interior Design program.



The booth's four color-blocked spaces indicate different intended uses, from meeting and working to relaxing. On the virtual tour, viewers can explore new furniture concepts for collaborative meetings, individual workstations, and acoustical wall treatments.

With the cancellation of major architectural and design trade shows—including the International Contemporary Furniture Fair (ICFF), which was scheduled to take place May 17–20—due to COVID-19, Scandinavian Spaces along with hundreds of other exhibitors were unable to share its ICFF booth designs with the public. This year's Scandinavian Spaces booth, in particular, had a special story behind its formation, as it was designed in collaboration with Texas State University students. Rather than never letting the booth design see the light of day, the company launched a virtual showroom tour to bring the design community and like-minded creatives together digitally.

Together with Texas State University, Scandinavian Spaces organized a competition for the university's interior design program. The competition encouraged students to develop a concept and design

a booth that represented the brand and its core values of color, life, and design. Beginning in October 2019, the competition ran for several weeks. During that time, students met at Scandinavian Spaces' flagship showroom in Austin, Texas, to learn about the progressive product line. Throughout the competition, students had the opportunity to meet with Scandinavian Spaces team members to discuss ideas and receive feedback on their design concepts. The winning team was selected by a panel of educators, alumni in the interior design community, and representatives from Scandinavian Spaces.

The award-winning booth, designed by Erin Elorreaga and Shelby Metzler, was inspired by the Swedish concept of *lagom*, meaning just the right amount. Created in collaboration with Scandinavian Spaces, the display highlights new concepts from partner

brands Blå Station, Nordgröna, and Materia, including furniture for collaborative meetings, individual workstations, and acoustical wall treatments.

The booth consists of four color-blocked spaces—June Day Yellow, Forever Lilac, Foxy Red, and Smokey Azure Blue—each designed for a different intent. The yellow zone is a vibrant space to energize positive collaboration and teamwork; the lilac area features soft hues to encourage informal conversations and quiet contemplation; the red zone is a warm and welcoming area filled with soft seating options for hospitality and public projects; and the blue area is a calm and informal work zone that can easily be reconfigured for large or small groups. Viewers can now immerse themselves in the Scandinavian way of life by exploring the booth, featuring places where people can meet, work, and relax via scandinavianspaces.com. —MEGHAN DWYER

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June featured CEU

The Eight Attributes of Contract Furniture
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WOOL STRUCTURE

