

# The Architect's Newspaper

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## Drowning in Design

The Maldives gets the first underwater hotel. See page 12.

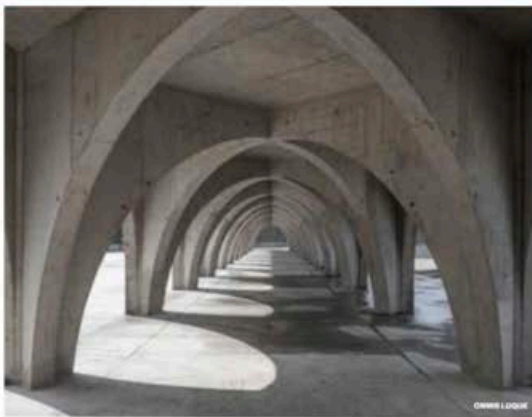


JUSTIN NICHOLAS

## 2019 Emerging Voices

The Architectural League of New York delivers another solid class of up-and-coming talent. Say hello to CCA Centro de Colaboración Arquitectónica, UUfie, MODU, Colloqate Design, FreelandBuck, Davies Toews, SCHAUM/SHIEH, and Waechter Architecture.

See page 18.



OWEN LUDLOW

## Yes We Span

World's longest bridge opens.



HONG KONG GOV. INFRASTRUCTURE BUREAU

China's new Hong Kong-Zhuhai-Macao Bridge is a structural anomaly. Stretching across and underneath the Pearl River estuary, it crosses over four artificial islands and 147-foot-deep waters. At 34 miles long, it's not only the world's longest overseas bridge, but the most extensive fixed link ever built on Earth.

The \$18.7 billion project, dubbed the HZMB, was first envisioned by Hong Kong businessman Gordon Wu, chairman of Asian Infrastructure firm Hopewell Holdings, back in 1983. Wu was inspired by Virginia's 23-mile-long Chesapeake Bay Bridge Tunnel, a project spanning five decades that remains one of the longest constructions ever built in the United States. In 2009, Wu's initial dream for the HZMB came true when the Chinese government announced it as part of a \$300 billion infrastructure plan to connect the nine mainland cities of the densely populated Pearl River Delta. The plan, now well underway, consisted of 150 projects meant to spur economic development and trade in the nation's largely administrative region.

After years of logistical planning, construction on the HZMB began in December 2011 and was split into three sections. The Main Bridge, the most complex part of the project, features a 14-mile-long viaduct and a 4-mile underwater tunnel. In order to achieve staying power under the sea, the six-lane elevated highway required the construction of multiple prefabricated steel box girders, as well as steel-concrete composite. Continue reading on page 11.

## Kitchen & Bath

See page 29.



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New York, NY 10007

facades

New York City

April 4+5

# Bath to Basics

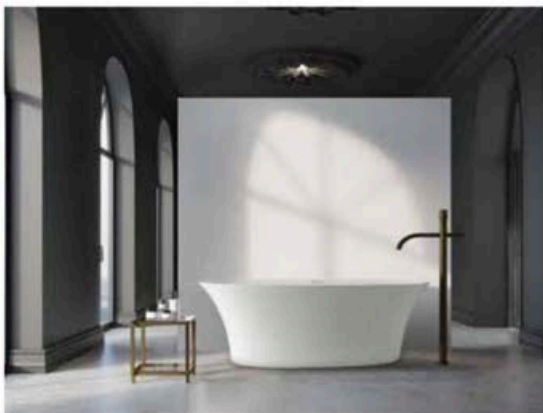
Designers like Marcel Wanders and Clodagh think about how to improve ergonomics in the bathroom, and instead of adding more settings, strip their designs down to their essential form.



**Double Tav Vanity**  
Drummonds

You may have to share a bathroom, but you don't have to share a sink with this double vanity. Featuring a marble top, the Tav Vanity is available in brushed brass and nickel. For those who aren't lacking storage, the bottom shelf is optional.

[drummonds-uk.com](http://drummonds-uk.com)



**Adeline**  
MTI Baths

Looking for a deep bath? Adeline features a monolithic body that holds 71 gallons of water (and two people comfortably). The concave-shaped form provides lumbar support and prevents water from splashing over the edge.

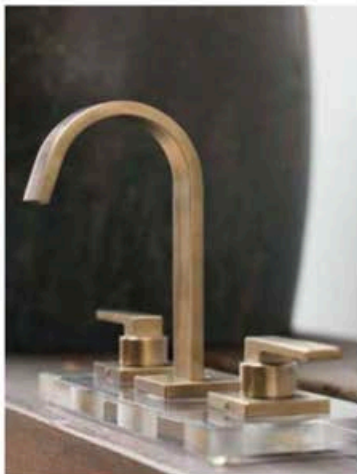
[mtibaths.com](http://mtibaths.com)



**SLAB-Edge custom basins**  
Neo-Metro

Neo-Metro's deep trough basins for 61 Ninth Avenue were cast as seamless monoliths made of resin and stone. Representative of the large-scale customization possible, SLAB-Edge spans nearly the entire width of the bathroom, cantilevered to conceal the plumbing beneath.

[neo-metro.com](http://neo-metro.com)



**Lura Collection**  
Clodagh for Speakman

Speakman collaborated with New York City-based multidisciplinary design studio Clodagh on this collection of ergonomic fittings. With children, the elderly, and those with handicaps in mind, the design features easy-to-use pulls, knobs, and mechanics. Featuring sinuous curves, the collection includes shower valves, faucets, and levers available in a satin gold or silver finish.

[speakman.com](http://speakman.com)



**The New Classic**  
Marcel Wanders for Laufen

Bearing in mind all the new high-tech kitchen appliances, Dutch-designer Marcel Wanders designed a collection of sinks that look like they're from a time before the internet. With very clean, polished forms, the New Classic collection will complement digital potties, voice lighted mirrors, or any IoT-enabled devices.

[laufen.com](http://laufen.com)

# Turn On, Tune In

Design kitchens that respond in real time with new digital appliances and plumbing. With the help of smart home systems like Alexa and Google Home, the following appliances and electronics make the kitchen more responsive and powerful than ever.



**Integrated Column Freezer and Refrigerator**  
Fisher & Paykel

Fisher & Paykel's new family-size column freezer and refrigerator can be installed separately or together and variably configured. The ideal temperature is set for three food zones: Freeze, -7° to 7°F; Soft Freeze, 14° to 18°F; and Deep Freeze, -13°F.

[fisherpaykel.com](http://fisherpaykel.com)



**Smart Oven+**  
Kitchenaid

Smart Oven+ is designed with interchangeable cooking attachments that plug directly into a power hub inside. Including a grill, steamer, baking stone, and base heating pan, the LED illuminated touch screen directs the user to which attachment to employ based on cooking instructions in the platform.

[kitchenaid.com](http://kitchenaid.com)



**TKO Touch Faucet**  
Lenova Sinks

Grubby hands? Tap and wash with a faucet that turns on with a touch of your wrist or forearm. Don't worry about burning yourself, LED lights will indicate the temperature. And, when you're through, integrated sensors will automatically shut off the flow.

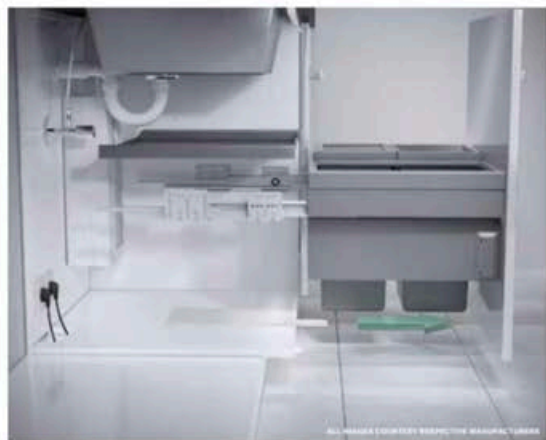
[lenovasinks.com](http://lenovasinks.com)



**48-Inch Pro-Harmony Standard Depth Gas Range**  
Thermador

Pro-Harmony comes equipped with Thermador's new app that pairs the oven with other appliances like the ventilation hood, as well as digital recipes that sync with automatic settings. For easy clean up, the stovetop features a base where a hand and sponge can easily fit under each burner.

[thermador.com](http://thermador.com)



**Halo Libero 2.0 Auto Opener**  
Hafele

Look Ma, no hands! Open the cabinet door by stepping on a sensor or tapping a button. Special features such as under-mount lighting are customizable with the Auto Opener app.

[hafele.com](http://hafele.com)

# Assemblage John Street

New York  
Interior Architect: Meyer Davis Studio

**Elixir Bar**  
Refrigerator: Pertlick  
Sinks: Krowne  
Dishwasher: Advansys

**Cafe**  
Refrigerator: Beverage Air  
Dishwasher: CMA  
Sinks: Krowne  
Water Purifier: Vero

**Bathrooms**  
Toilets: Geberit  
Sinks: Kohler  
High-Speed Hand Dryer: Toto

**Coworking Kitchenettes**  
Sink: Signature Hardware  
Dishwasher and Refrigerator: Blomberg  
Microwave Oven: Monogram

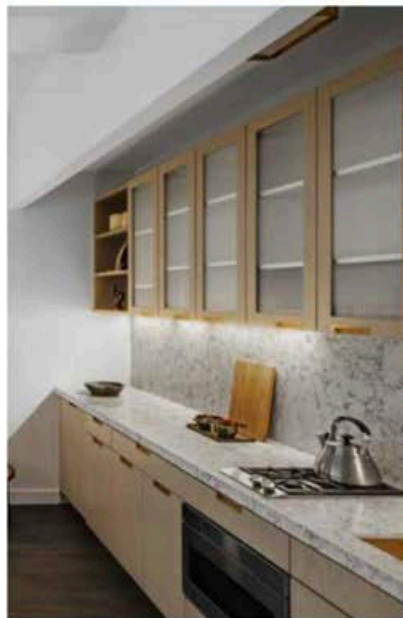
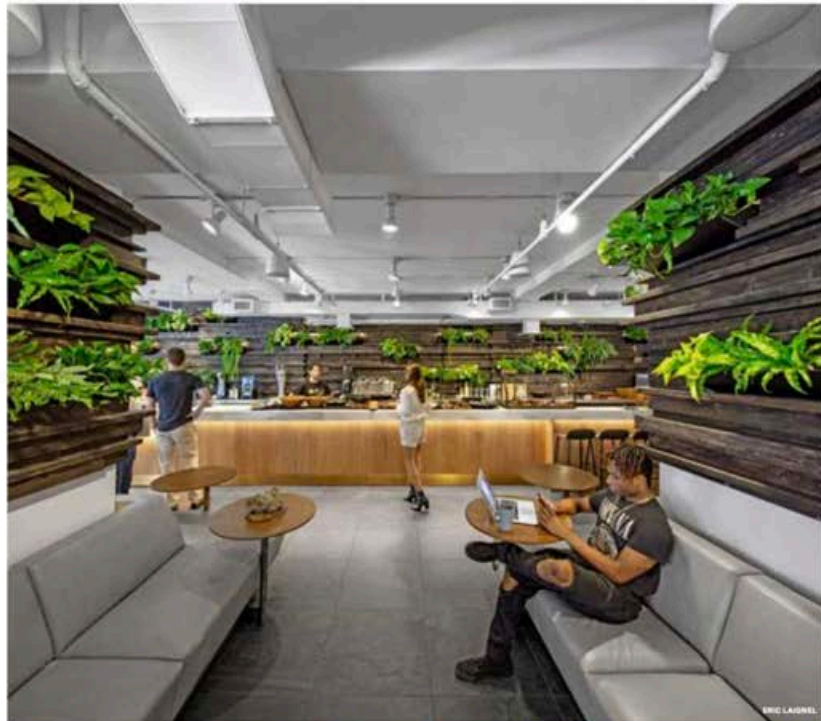
**Guestroom Kitchens**  
Stove: Gaggenau  
Microwave: Sharp  
Dishwasher: Fisher & Paykel  
Refrigerator: Accucold  
Flooring: Porcelanosa

**Guest Bathrooms**  
Toilet: Icera  
Sink and shower: Kohler  
Tiles: Stone Source

The Assemblage John Street in Manhattan's financial district is the second location of the health-centric hotel-coworking hybrid. With mental and physical well-being at the forefront of The Assemblage's mission, Meyer Davis designed flexible coworking spaces—including dedicated desks with access to communal spaces, as well as private and team offices—amid communal areas with daily wellness programming, including a dining area that offers Ayurvedic breakfast and lunch, and meditation rooms that host the occasional cacao ceremony.

In this location, the Nymphaea Elixir Bar stands out as the main attraction. Offering 12 plant-based mixtures, each tincture is custom-made to support circadian rhythms, and, according to the elixir bar's website, "promote openness and connection." Designed to support members with similar health-conscious mentalities to come together, Nymphaea is outfitted with a white Calacatta marble-topped bar, lined with velvet upholstered lounge chairs. Meanwhile, on the uppermost floors, the apartments for short- and long-term stays feature dedicated in-room workspaces and a kitchenette with Viatera quartz countertops, brass finishes, fluted glass, and a sink and faucet by Signature Hardware.

In entirety, both The Assemblage's lodging and working spaces feel like a coherent amalgam of design tropes. There's an emphasis on biophilic design with plants infused throughout, including reindeer moss, various succulents, and other indoor flora handpicked and cared for by Plant the Future, a Miami-based and nature-inspired design firm. The overall aesthetic is far from the typical office, featuring a sea of gray stained oak flooring, blackened steel textures, and brass hardware among a variety of small, midsize, and large work surfaces. Hernandez concludes, "Everyone has ownership, so all of it had to feel cohesive."



# Resources

## Kitchen

Accucold  
accucold.com

Blanco  
blanco-germany.com

Blomberg  
blombergappliances.com

Blotta Kitchen & Home  
blotta.com

California Faucets  
calfaucets.com

Dacor  
dacor.com

Delta Faucet  
deltafaucet.com

Elkay  
elkay.com

Faber  
faberonline.com

Fisher & Paykel  
fisherpaykel.com

Gaggenau  
gaggenau.com

Grohe  
grohe.com

Häfele  
hafele.com

Henrybuilt  
henrybuilt.com

Julien  
julien.ca

Kaldewei  
kaldewei.us

Kitchenaid  
kitchenaid.com

Krowne  
krowne.com

Liebherr  
liebherr.com

Lineadecor  
lineadecor.us

Lenova Sinks  
lenovasinks.com

Miele  
Mieleusa.com

Molteni & C  
molteni.it

Monogram  
monogram.com

Pedini  
pedinusa.com

Perlick  
perlick.com

Poggenpohl  
poggenpohl.com

Sharp  
sharpusa.com

Smallbone of Devides  
smallbone.co.uk

Snaidero  
snaidero-usa.com

Sub Zero-Wolf  
subzero-wolf.com

Thermador  
thermador.com

True  
truemfg.com

## Bathroom

American Standard  
americanstandard-us.com

Dornbracht  
dornbracht.com

Drummonds  
drummonds-uk.com

DXV  
dxv.com

Geberit  
geberitnorthamerica.com

Grohe  
grohe.us

Icera  
icerausa.com

Kohler  
us.kohler.com

Laufen  
us.laufen.com

Lineadecor  
lineadecor.us

MTI Baths  
mtibaths.com

Neo-Metro  
neo-metro.com

Signature Hardware  
signaturehardware.com

Speakman  
speakman.com

ThermaSol  
thermasol.com

Toto  
totousa.com

Waterworks  
waterworks.com

## Surfaces

41zero42  
41zero42.com

AKDO  
akdo.com

Artistic Tile  
artistictile.com

Caesarstone  
caesarstoneus.com

Corian  
corian.com

Cosentino  
cosentino.com

Eggersman  
eggersmannusa.com

Fornace Brioni  
fornacebrioni.it

Neolith  
neolith.com

Porcelanosa  
porcelanosa-usa.com

Quartz Master  
quartzmasters.com

Stone Source  
stonesource.com

Tilebar  
tilebar.com

Walker Zanger  
walkerzanger.com

**IRIDESS shower kit in OMOXO™ Solid Surface**  
Includes walls + showerbase + drain cover



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LOOKED SO

*Elegant*

**CLARKE**  
clarkebat.com