

# Maine Home

DECEMBER 2020

## + DESIGN



**THE ARCHITECTURE ISSUE**



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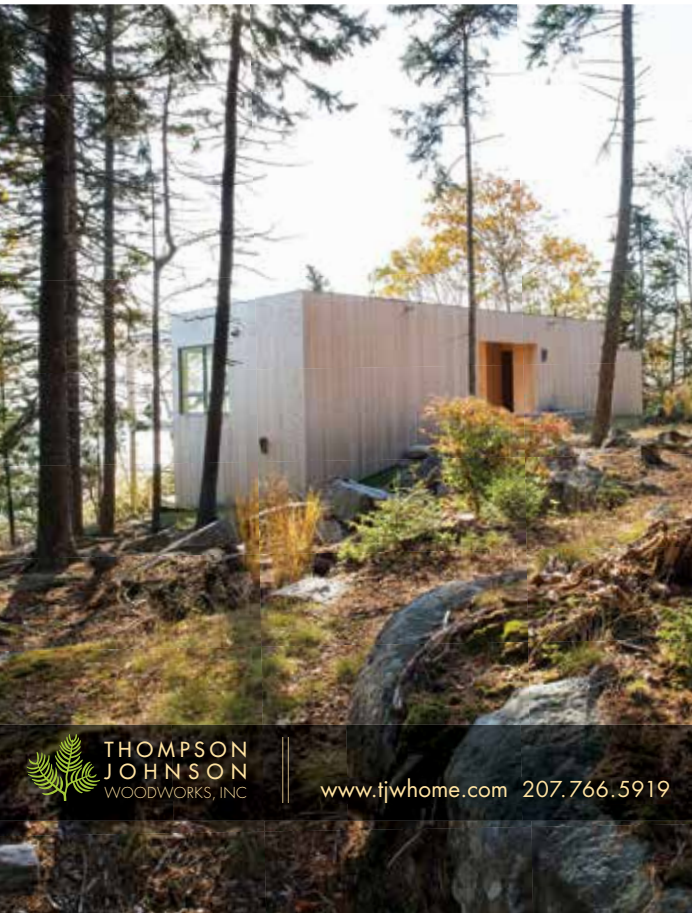
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## DESIGN WIRE

BY EMMA SIMARD



ADIDAS and design studio **KRAM/WEISSHAAR** have created a robotically woven shoe upper, called **STRUNG**, that is made to the exact specification of the wearer's foot, including factors like what the individual's foot shape and stride is like. "With bespoke software and robotics, we are able to place threads of different material types in any direction, which is a first across industries," says Adidas innovation designer Fionn Corcoran-Tadd. The manufacturing process allows for a lightweight and super durable upper to be made from threads placed exactly where they are needed, meaning extra parts and pieces typically used to make a shoe can be eliminated. The result is a single, anatomically accurate, high-performance piece. While Strung is currently only being developed for elite athletes, Adidas hopes to produce a commercially viable option by 2021.



Design-build firm **KNICKERBOCKER GROUP** is opening the second location of its interior design branch, **COVE by KNICKERBOCKER GROUP**. Located at 82 Hanover Street in Portland, the studio is filled with curated accessories, a library of thousands of textile and wallpaper options, and furniture with samples in every stain and color. COVE also offers an exclusive, private line of upholstered furniture, custom cabinetry, and one-of-a-kind pieces produced by local artisans and craftspeople. The resource studio is the ultimate destination for collaborating with Knickerbocker Group's interior designers; custom mobile workstations allow for easy side-by-side client collaboration and exceptional project organization. The new location is open to the public starting December 1 by appointment only.

PHOTO: Sarah Prak



Finnish studio **BERRY CREATIVE** has created heat-sensitive stamps that send a message about the negative effects of climate change. Commissioned by the **FINNISH POST**, the **CLIMATE CHANGE STAMPS** collection comprises three designs: a snow cloud that changes to a thunder cloud, a portrayal of limited immigration that changes to a mass of climate refugees, and a bird that turns into a skeleton. "Unlike the effect in the stamp, climate change is not reversible," says the studio. The stamps are printed on gradient backgrounds in a color-transforming ink that changes from black to clear when it's warmed; their jagged edges and eye-catching colors evoke a sense of urgency.

The **UNIVERSITY OF NEW ENGLAND (UNE)** received a \$30 million gift from the **HAROLD ALFOND FOUNDATION** toward the construction of a new building for the **COLLEGE OF OSTEOPATHIC MEDICINE**, which is currently based in Biddeford. The planned 110,000-square-foot facility is expected to cost \$70 million and will be constructed on UNE's Portland campus behind Innovation Hall. The Portland campus is already home to numerous medical programs, such as dentistry, pharmacy, physician assistant education, nursing, and physical therapy—integrating the College of Osteopathic Medicine in with other health care programs will allow for more robust educational curricula and practices. The grant from the Harold Alfond Foundation is part of a \$500 million investment to grow the state's workforce and economy and support health care.



The **FRANK LLOYD WRIGHT FOUNDATION** collaborated with **KONZUK**, a design firm that specializes in making concrete jewelry and objects in geometric forms, to create the **CONCRETE MOTIF SERIES**. The interpreted motifs include Saguaro Form and Cactus Flowers, March Balloons, and Imperial Gate. Each motif collection consists of earrings, necklace, ring, and cufflink designs—every design is available in various color patterns, including black, dark gray, Taliesin red, indigo blue, cypress green, and flax yellow.

PHOTO: Dwayne Dobson



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## Waterfront Pavilion

Little Knickerbocker Lake—the smaller of the two Knickerbocker Lakes, which served as the inspiration for Knickerbocker Group's name when it was founded in 1978—plays host to Camp Knickerbocker, a 65-acre summer day camp that is an invaluable asset for the Boothbay Region YMCA and community alike. The camp seeks to forge children's friendships, encourage potential, celebrate achievements, and explore new adventures, with the lakefront providing impactful programs for children to learn to swim, canoe, kayak, and participate in adventure programs.

The waterfront pavilion is an environmentally harmonious, partially subterranean structure that consists of four handicap-accessible bathrooms, four changing rooms, sinks, drinking fountains, benches, and cubbies. The contemporary approach to the design incorporates playful angular partitioning, low flow plumbing fixtures, and minimalist finishes. Materials such as concrete, powder-coated steel, and low-maintenance trim ensure a simple, clean, and easily maintained structure, while natural materials such as meranti (a hardwood known for its resilience in exterior applications) were selected in an effort to harmonize the manmade structure with the surrounding environment.

The project is the first phase of a master plan that addresses site improvements related to storm water management and erosion control, and is part of a collaboration among Knickerbocker Group, the Boothbay Region YMCA, the Boothbay Region Water District, the town of Boothbay, and the Knox-Lincoln Soil and Water Conservation District. The location, a hill facing the waterfront that had been partially cleared of trees, was ideal for erosion control, which was aided by simple but hardy landscaping for managing water flow. In addition, an extensive green roof of a sedum carpet needs little maintenance and no permanent irrigation system, and also provides changing colors with the seasons, from white flowers in the late spring to vibrant green in the summer to red tones in the fall.



**Architect:** Knickerbocker Group  
**Architectural Designer:** Randy Smith  
**Builder:** Knickerbocker Group  
**Project Team:** Bill Burge, Bill Haney, Rick Nelson  
**Landscape Architect:** Carson Douglas  
 Landscape Architecture  
**Photographer:** Darren Setlow  
**Location:** Boothbay  
**Completed:** 2020