

LOS ANGELES, June 15 2017

BUTZ + KLUG Architecture of United States was Awarded: Honorable Mention in **Sustainable Living/Green** Competition for the Folly Point Pool and Pool House.

IDA honorary juries examined over 1000 entries submitted by architects and designers of interiors, fashion, products, and graphics from 52 countries throughout the world. After final decisions had been made, the jury rewarded the best professional and emerging designers for their achievements in terms of design, creativity, usability and innovation. Judging was a rigorous process, with winners receiving publication of their work in the International Design Awards Book of Designs.

This annual competition recognizes, honors and promotes legendary design visionaries and uncovers emerging talents in Architecture, Interior, Product, Graphic and Fashion Design on global level.

About IDA

A handful of designers, thinkers and entrepreneurs created the International Design Awards in 2007 as a response to the lack of recognition and celebration for smart and sustainable multidisciplinary design. The International Design Awards (IDA) exists to recognize, celebrate and promote legendary design visionaries and to uncover emerging talent in Architecture, Interior, Product, Graphic, and Fashion Design. IDA aspires to draw attention to the iconoclasm of design world wide, conceptualizing and producing great work.

Folly Point Pool House

Gloucester, MA



Folly Point Pool House

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The Site

is situated at a tip of Cape Ann along Boston's North Shore. Although small, the site sits atop a cliff 50 feet above sea level and enjoys a 180° view with the coasts of New Hampshire and Maine to the north and the Atlantic horizon off neighboring Halibut Point to the East.

The Site Strategy

situates a trapezoidal grass plateau in the centroid of the site with its base along the eastern edge. The autonomy of this shape against the eastern horizon is underscored visually by the pool's edge which merges with the ocean and spatially by the long granite tail of the pool house. These two built features create a frame to amplify the thrust of the easterly view. This preserves one of the sites most compelling qualities; the foreground (plateau), middle-ground (Halibut Point) and background (horizon) vista that defines much Gloucester's coast. Relocated apple trees from a retired orchard provide the minimal definition of privacy for the family's ritual gathering for summer sports while preserving general enjoyment of vista.

The Pool

sits within the 100' buffer of the high water mark and was the first completely chemical free living pool started in the US. Embraced by the local Conservation Commission as a precedent for pools on the coast, it avoids any possibility of oceanic contamination from typical pool chemicals. Modeled on the biology of Alpine (oligotrophic or low nutrient) lakes usually found above the tree line, it maintains a low phosphate level through gravel filtration beds and like these lakes creates clear potable water without chemicals (zooplankton dominate phytoplankton and consume alga as well as bacteria). These natural processes were embraced as a point of departure for creating a pool with an affinity for the natural beauty of the site. The pool's mechanics consume very little energy and it requires no external heat source, the primary energy consumer of a typical pool. Instead, it absorbs solar radiation through the dark cementitious pool liner and the warm water of the adjacent shallow filtration beds.

The Pool House's

concrete wall bordering the south edge of the site, glass wall along the north side, and extensive green roof with its extended eave all help to minimize solar gain. As a result it requires no air conditioning and is kept comfortable solely through cross ventilation. The only materials are stone quarried from the site when excavating for the pool, concrete, certified sustainable hardwood, glass and stucco (the ceiling). The green roof, planted with native grasses, is sloped away from the ocean to avoid any runoff in the event of a deluge.

The Large 'Karakuri Box'

containing storage, bathroom and showers, is a simple platonic figure in the space of the plan that separates the 'bedroom' from the 'living room'. Through opening and closing sliding surfaces of differing densities it can be configured to accommodate many different scenarios of use, such as a shower which is open to the pool with a separate WC, a combined shower and WC visually isolated, etc.

The Large Door

supported by a stainless steel wheel on the active end opens and suspends the sense of enclosure by creating a continuous flow from inside to outside following the canopy of the roof. It is equipped with two spring loaded wedge brakes allowing it to move only when held (unchecked a 30 mph gust can produce a ton of force at the door jamb). The deep jamb of this door has a counter-swinging screen door, which together with screens on all sliding doors and operable windows make the interior a mosquito free oasis at dusk.

Sustainable Components:

'Living' pool

Extensive green roof w/ native grasses.

Minimal energy consumption requiring no carbon based combustion.

Stone is quarried from the site.

Mineral silicate finishes are nontoxic and sustainable
All external flashing is Zinc; non toxic runoff.

1. Site Plan

2. Aerial photograph of Folly Point, photo: Massachusetts GIS









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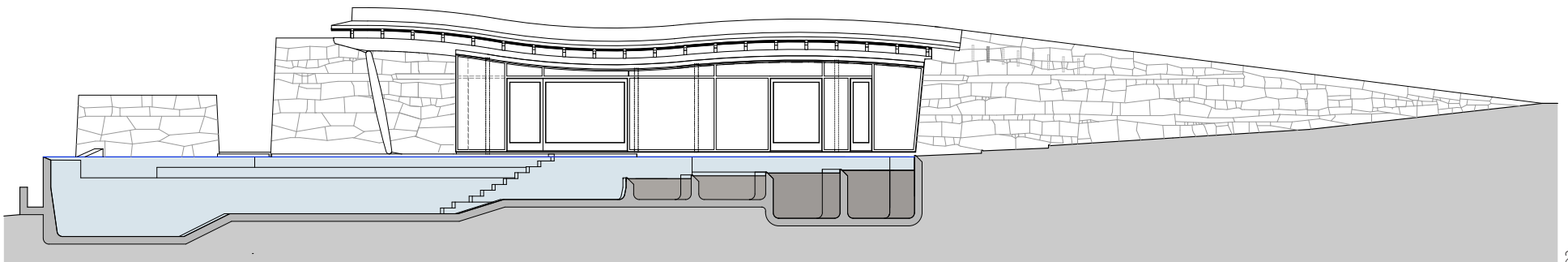
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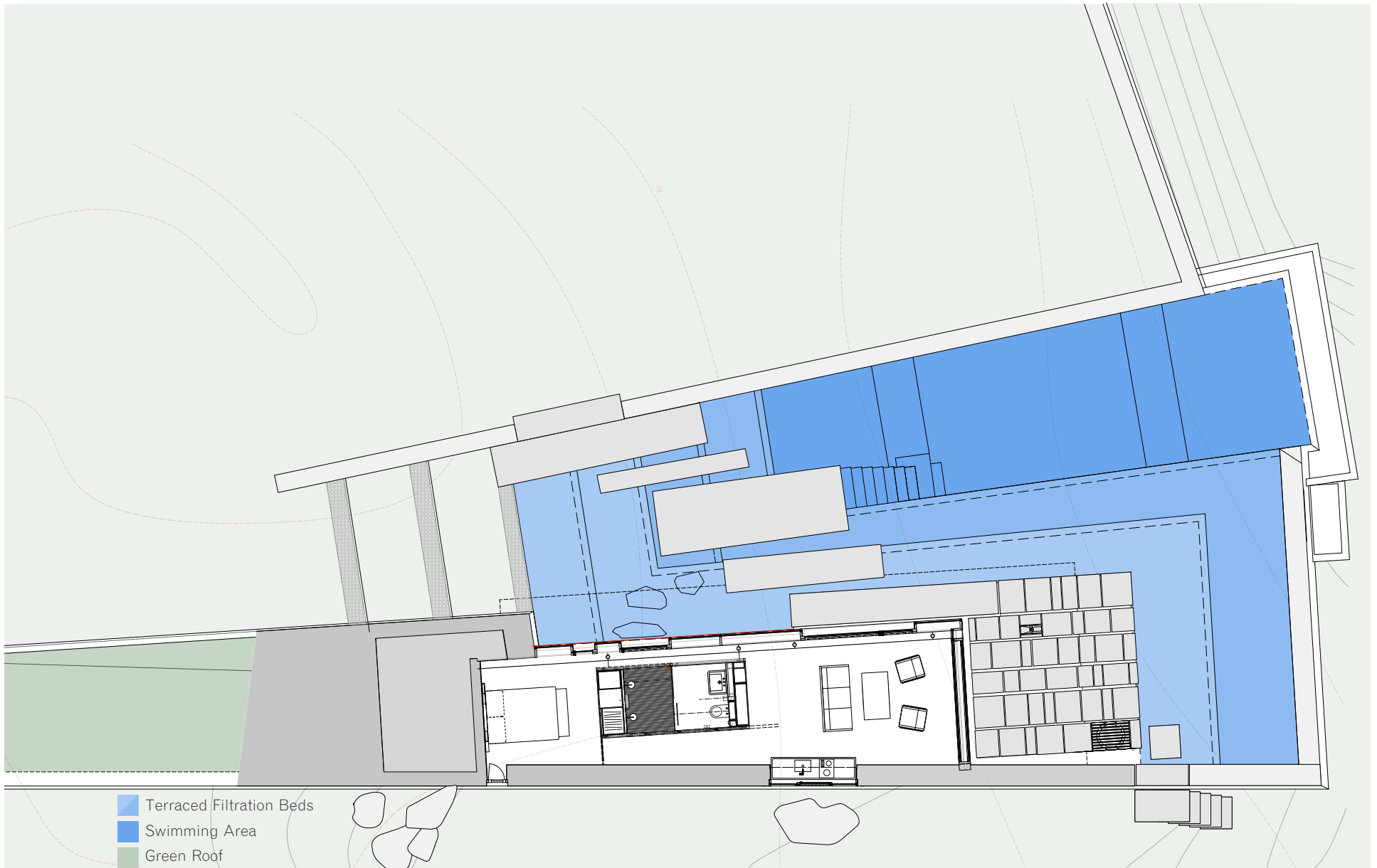
1. View towards eastern horizon,
photo: Architect
2. View of Pool House and ramp with green roof,
photo: Architect
3. Sunset from the terrace,
photo: Architect



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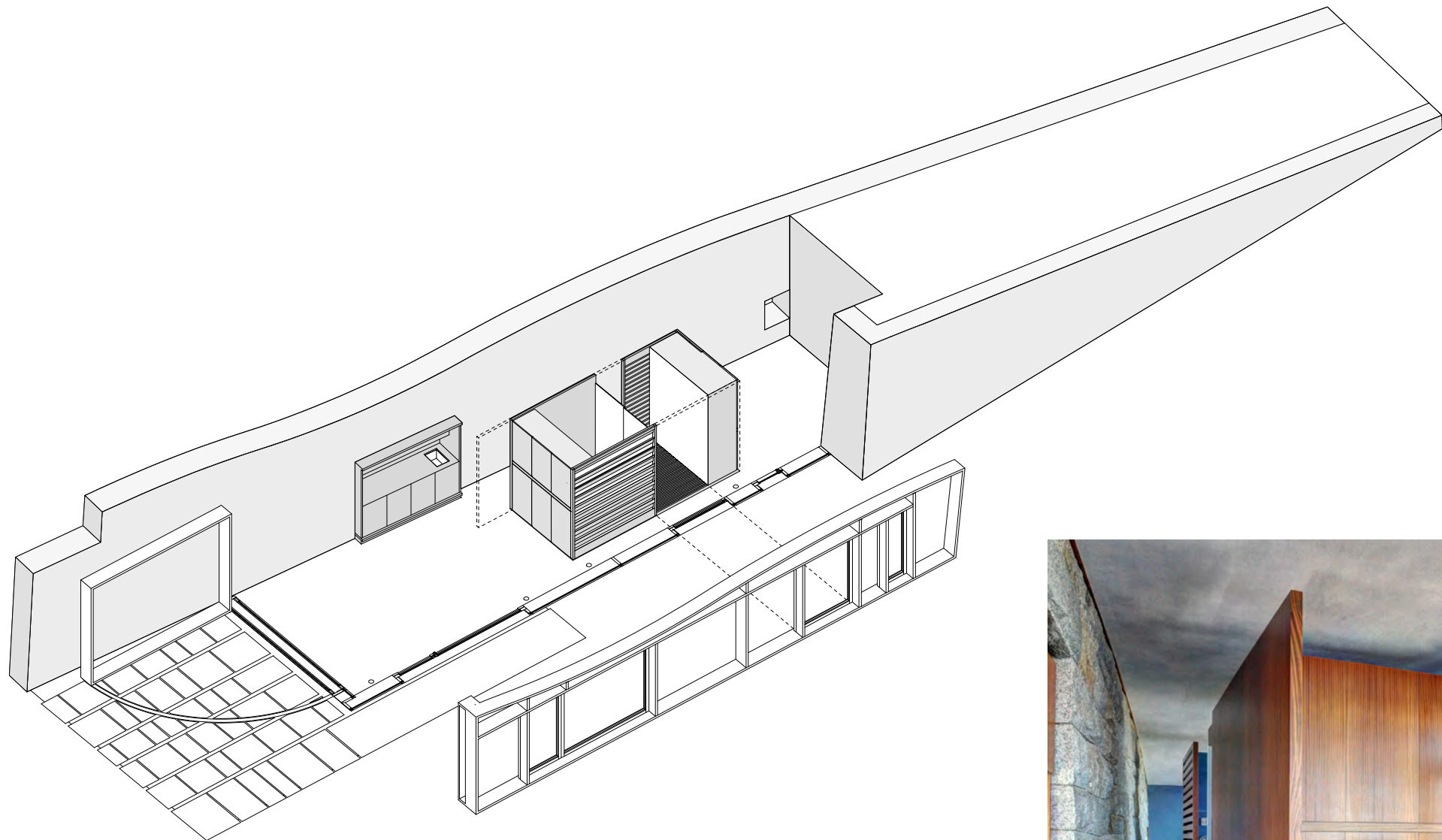
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1. View of main entry to Pool House,
photo: Architect
2. North Elevation
3. Plan of Pool House





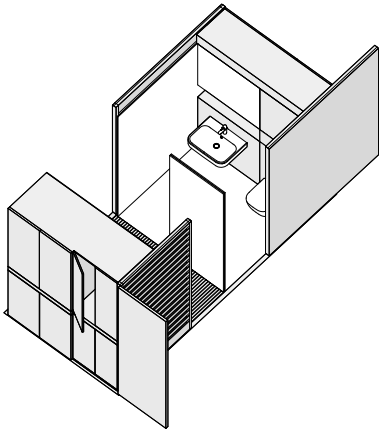
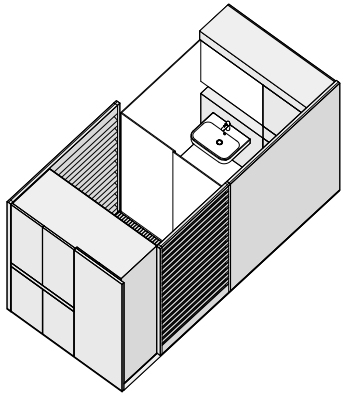
View from Bedroom,
photo: Peter Vanderwalker



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1. Axonometric diagram
2. View of 'Karakuri Box' from living area, photo: Peter Vanderwalker
3. Diagrams of sliding doors on 'Karakuri Box'
4. View of indoor shower, photo: Peter Vanderwalker
5. View into WC from shower, photo: Peter Vanderwalker
6. View of shower from pool, photo: Peter Vanderwalker





View of Shower and WC,
photo: Peter Vanderwalker



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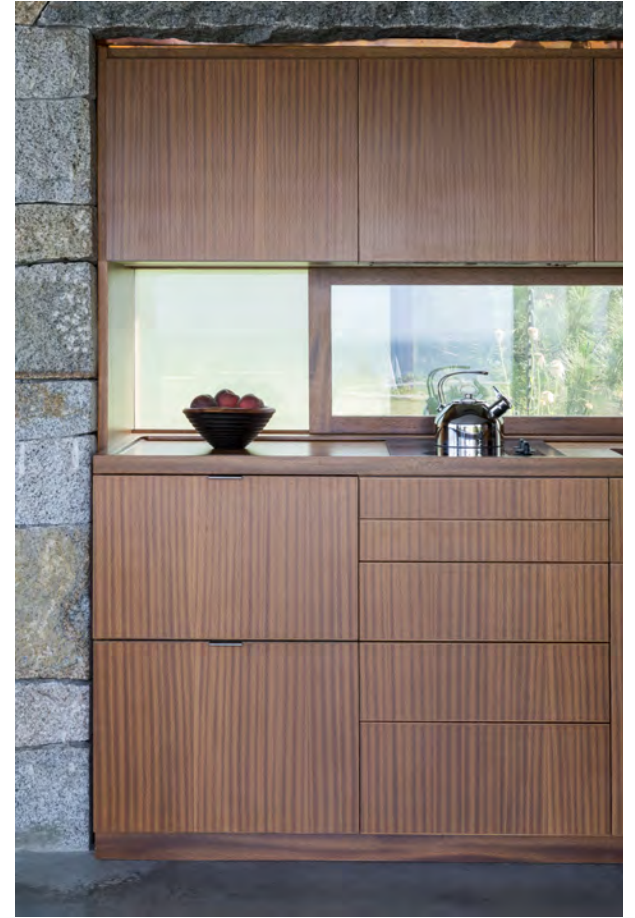
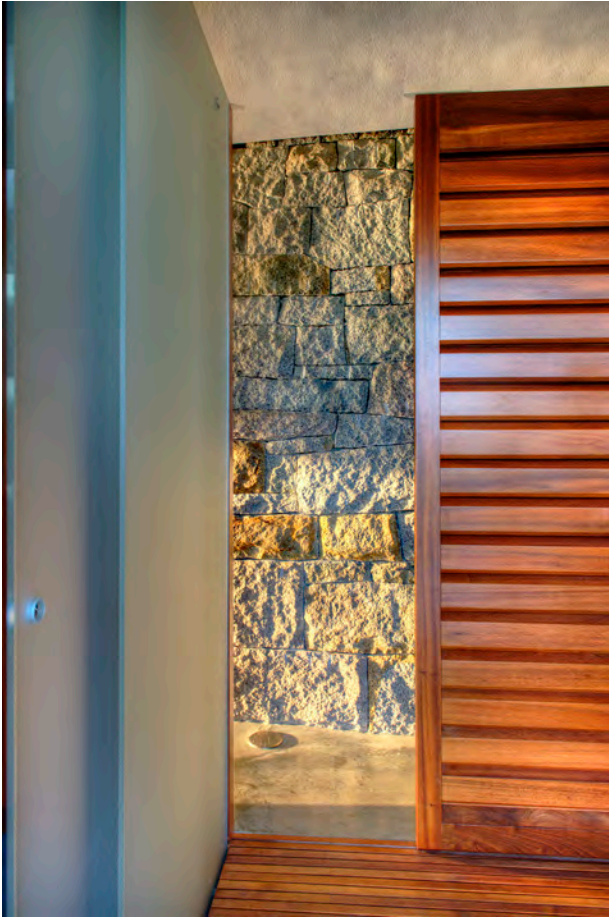
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1. Pivot Door in closed position,
photo: Peter Vanderwalker
2. Pivot Door,
photo: Peter Vanderwalker
3. Detail of custom spring loaded wedge break on Pivot Door,
photo: Peter Vanderwalker
4. Opposite page, Pivot Door open to terrace,
photo: Peter Vanderwalker





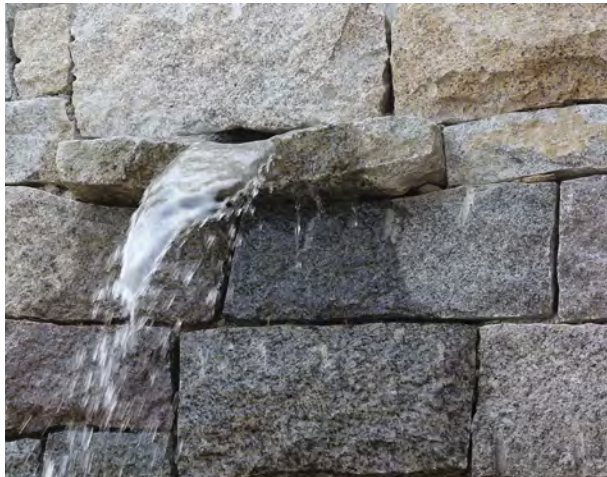




Peter Vanderwalker



Millicent Harvey Photography



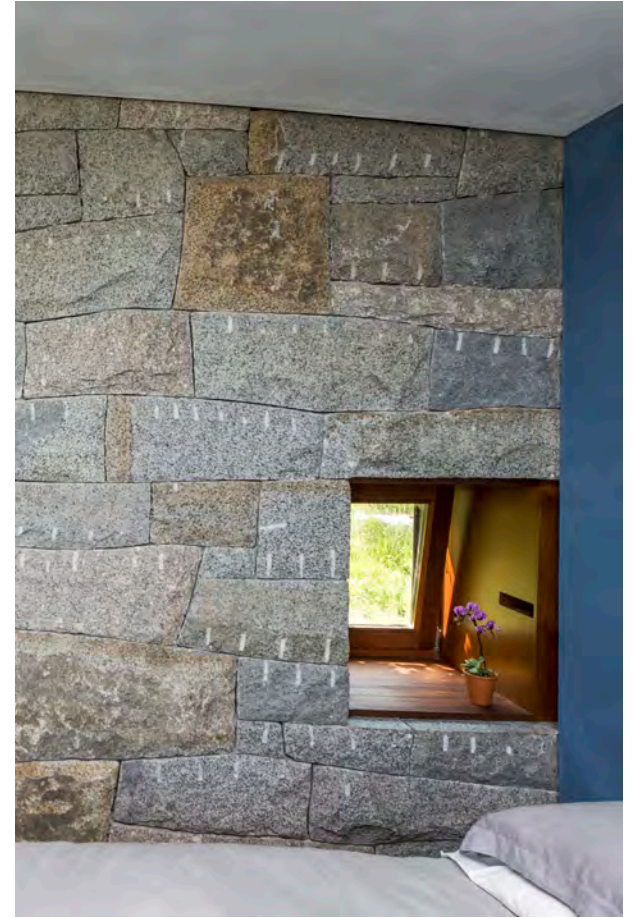
Millicent Harvey Photography



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