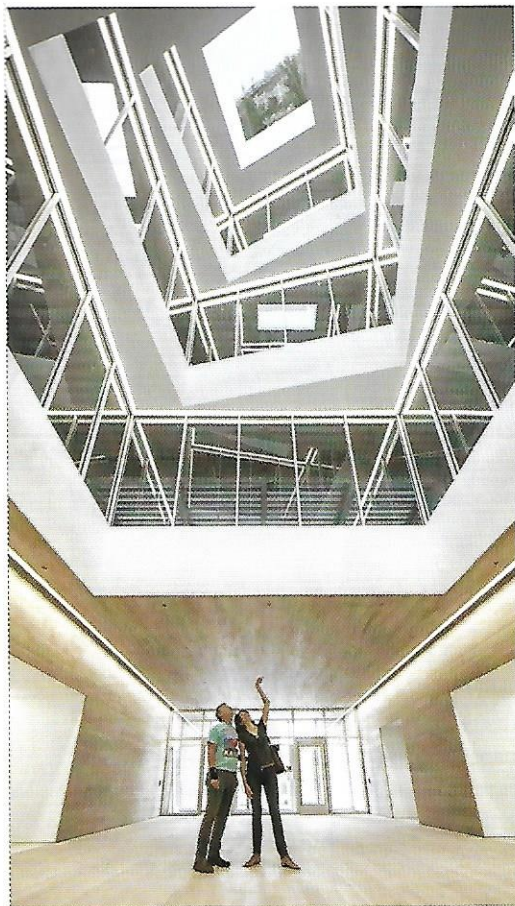


Ingels Group—the idea was to create site-specific building that didn't look like a box. The result was a structure that somewhat resembles a ship with a pair of curved precast walls. The project, in fact, was a co-winner of the 2016 Precast Concrete Institute in the International Buildings Structure category. While a plethora of windows provide abundant daylight, its staggered atrium, framed in LED, is the real daylight star.



▲ GEOMETRIC GEM

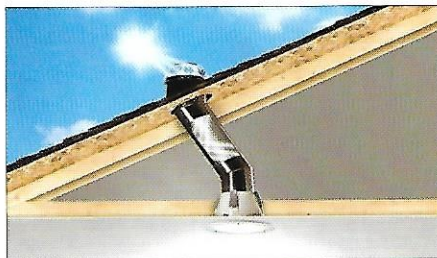
The offbeat atrium is open all the way to the top of the four-story structure, maximizing daylight exposure and creating a unifying building element.

NEWS

TUBULAR DAYLIGHTING

Illustrating its tubular daylighting device technology—pictured right—Solatube's Raybender 3000 and LightTracker in-dome reflector, redirect low angle sunlight into its tubing system for maximum light capture.

Solatube International
www.solatube.com
CIRCLE 300

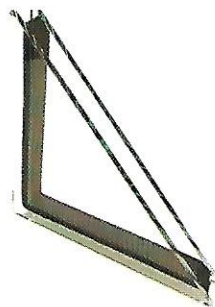


▲ MORE DAYLIGHT, LESS GLARE

Elucidated in the diagram is Solatube's Spectralight Infinity tubing, which helps deliver indirect sunlight deeper into internal spaces with less glare.

AAMA Updates Impact Resistant Fenestration Products

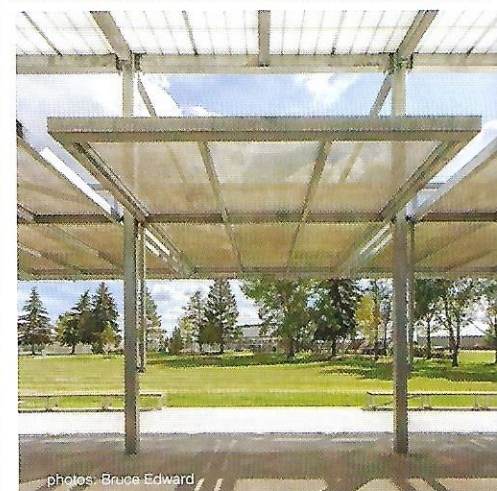
Updating its document testing and qualifying windows, doors and skylights as "impact resistant," the American Architectural Manufacturers Assn. has released AAMA 506-16, "Voluntary Specifications for Impact and Cycle Testing of Fenestration Products." Following initial qualification through one of the three standards, products typically associated with hurricane zones then undergo impact and cycle testing in accordance with ASTM E1886 and ASTM E1996.



SUPERIOR SPACER

Thanks to its no-metal design, the JEB 3SEAL insulating glass spacer system delivers shock-absorbing properties to mitigate wind-induced glazing stresses, thereby enhancing sound attenuation. The system is made from structural thermoset silicone with integral 3A desiccant and a triple-seal design.

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NZB

NET ZERO BUILDINGS

March 2017 • Volume 6, Number 1

As energy modeling becomes more accessible, it is no longer something to fear—rather, it should be seen as a tool to make smart design choices informed by performance goals.

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ENERGETIC
ITERATIONS

