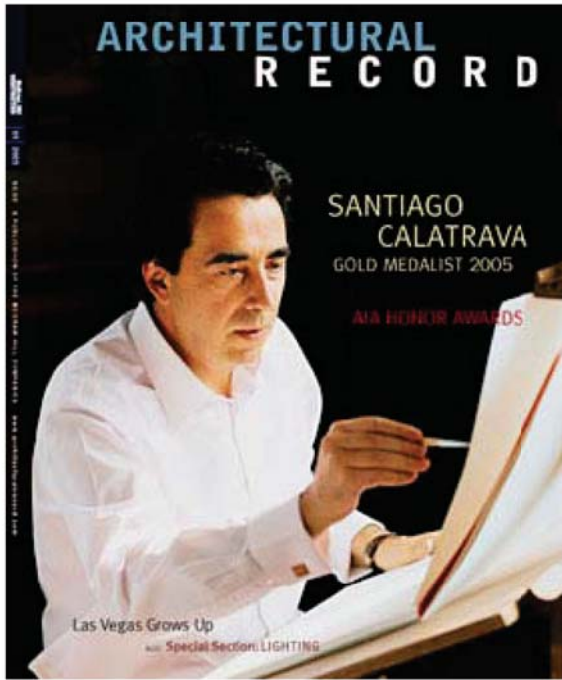


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Daily Headlines

- [Critics Say National Trust Helped Doom Renowned St. Louis Building](#)
- [SOM's Oakland Cathedral Finally Breaks Ground](#)
- [Winner Chosen for National AIDS Memorial Grove Landscape Competition](#)
- [Canada Welcomes Two Major Museum Projects](#)
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AIA Honor Awards



© Philippe Ruault

This month we feature the projects awarded the 2005 AIA Honor Award in Architecture, Interiors, Urban Design, 25-year Award, Firm of the Year, as well as this year's Gold Medalist.

Lighting



© Richard Bryant

In this quarterly section, architectural illumination allows the interior landscapes of hospitality projects to blossom.

Building Types Study



© Koji Okamura

Simple is often more powerful than complex when expressing what is hallowed in this month's sacred spaces.

archrecord2



© Inscape Studio

This month we take a closer look at the five architects who have been awarded the 2005 Young Architects Award.

Multimedia Annex



© Alex S. MacLean

In this web-exclusive slideshow, Las Vegas' rapid population growth and booming housing market might best be described aerially.

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Project Portfolio



This month's projects house aquatic life, general science, an architecture school, and the study of physics.

Plus, view past Project Portfolios, with multimedia features including videos and interactive walk-throughs, and links to the people and products responsible for the buildings.

Pictured: Perimeter Institute; Photo © Marc Cramer

Building Types Study



Simple is often more powerful than complex when expressing what is hallowed in this month's sacred spaces.

The Expanded Building Types Study presents a selection of projects not seen in the magazine each month. All of the projects are presented in an easy-to-use format, with a project description, photos, plans, and complete specifications.

Pictured: Ring Chapel; Photo © Koji Okamura

Residential



This month in House of the Month: A redwood-wrapped residence connects to the outdoors through a well-planned courtyard.

Our Quarterly Residential section takes a look at yet another alluring element to city life—townhouses that provide sophisticated urban dwelling

House of the Month; Photo © Benny Chan/Fotoworks

Ring Chapel

Manenggon Hills, Guam, USA
Riccardo Tossani Architecture

An optical trick marries the Ring Chapel to its site

Located on the edge of a mountain lake at the center of the Pacific island of Guam, the Ring Chapel responds to its colorful tropical setting and addresses its primary function through architectural devices such as transparency and engagement. The chapel's form, tectonics, and interior elements celebrate space and light—particularly the changing hues and shadows of the tropical day.

Large windows in the chapel enable the lake, gardens, and dynamic sky above to become part of the interior space's character. Soaring curtain walls at both ends and tall sashes along the nave give the chapel a high degree of transparency; these elements also evoke a sense of buoyancy and make it feel as though the structure is floating across the lake. An array of custom-designed brise soleil help control sun glare and modulate the light, casting a striated pattern of shadows across the nave while accentuating the vault's elliptical curve. Bands of multicolored glass on the east curtain wall cast striped azure and indigo shadows across the marble floor.

The chapel engages its setting in a literal way. Its vault descends through slender columns into the earth, like two hands reaching into the ground. Projecting into the lake, the west end creates the illusion of engagement by reflecting the vault into a perfect ellipse. This ring, which is especially apparent at night, lightens the chapel's apparent mass while doubling its size and reinforcing the impression that it is floating across the lake. The ring also makes an obvious allusion to the notion of marriage as an enduring institution.

The "Crystal Shower," a mobile designed by Atsuko Itoda, hangs from the vaulted ceiling. Comprised of 3,000 Swarovski crystals, it is perpetually dancing and sparkling in the air, refracting and reflecting sunlight into beams of rainbow light. Viewed from below, they appear like raindrops in suspension. At night, in the glow of spotlights, they become a constellation of colored stars.

Architect:
 Riccardo Tossani Architecture
 S Building 2F
 2-30-2 Chuo
 Nakano-ku, Tokyo 164-0011 Japan
 Tel 81 3 3364 2301
 Fax 81 3 3364 2162
www.tossani.com

Location:
 Leoplace Resort, Manenggon Hills, Guam, USA

Gross square footage:
 2,000 sq. ft.

Total construction cost:
 \$1.5 million

Owner:
 MDI, Guam, USA



© Koji Okamura

For more photos click on 'photos & drawings' above.

To see the people and products behind this project click on 'people & products.'

[overview & stats](#)

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Photography © Koji Okamura

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Ring Chapel

Manenggon Hills, Guam, USA

Riccardo Tossani Architecture

the People

Owner

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2-30-2 Chuo
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Principal Architect:
Riccardo Tossani RAI, AIA

Associate; Principal Interior Designer:
Atsuko Itoda

Project Architects:
Reiko Terada, Felipe Londoño

Architect of Record

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131 Haiguas Ave. Ste. 9K
Agana Heights Guam 96910
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vwa@netpci.com

Project Coordinator:
Muni Abdullah

Interior designer

Atsuko Itoda

Engineer(s):

Civil & Structural:
Johnny M. Aquino, PE.
J.M. Aquino, PC.
P.O. Box 6052
Tamuning, GU 96931
Tel 671.6373635
Fax 671.6323540

Mechanical Engineer:
William G. Miller, JR, PE.
WM Engineering Services LLC
590 South Marine Corp Drive,
Suite 210, ITC Bldg.
Tamuning, GU 96913
Tel 671.6468127
Fax 671.6460704

Electrical Engineer:
Ascencio R. Vicente, PE.
Engineering Partners, Inc.
PO Box 10029
Tamuning, Guam 96931
Tel 671.6465149
Fax 671.6462279

the Products

Structural system

Insitu Reinforced Concrete

Exterior cladding

Metal/glass curtainwall:
Okawa Sash, Tokyo, Japan

Concrete:
Local Supply

Roofing

Metal:
ATAS International, Inc. www.atas.com

Windows

Aluminum:
Okawa Sash, Tokyo, Japan

Glazing

Glass:
Asahi Glass www.agc.co.jp

Skylights:
Asahi Glass www.agc.co.jp

Doors

Entrances:
Okawa Sash, Tokyo, Japan

Hardware

Locksets:
Union, Japan www.artunion.co.jp

Hinges:
Union, Japan www.artunion.co.jp

Closers:
Union, Japan www.artunion.co.jp

Pulls:
Front door pull custom designed by
Riccardo Tossani Architecture, fabricated
by Okawa Sash, Tokyo, Japan,
emergency door: Union, Japan

Cabinet hardware:
Pew flower holders: custom designed by
Riccardo Tossani Architecture, fabricated
by Inex Kobo, Japan; cabinet pulls:
Shirokuma, Japan

Interior finishes

Acoustical ceilings:
Plasterboard

Cabinetwork and custom woodwork:
Sumitomo Mitsui Construction Co.

Consultant(s)

Landscape:
Riccardo Tossani, Architecture

Lighting:
Erco Toto, Japan

General contractor

Sumitomo Mitsui Construction Co., Guam

Photographer(s)

Koji Okamura
724 Mita National Court 4-4-27, Shibaura
Minato-ku, Tokyo, Japan 81 3 5484 7863

CAD system, project management, or other software used

MicroStation www.bentley.com, Autocad
usa.autodesk.com

Paints and stains:
Bio-Fine paint, SK Kaken, Japan

Floor and wall tile:
Interior floor, exterior paving and steps:
Agglosimplex Perlato Royal for field
supplied by Santa Margherita Spa,
Verona, Italy, Woodline Marble light for
trim, Nichilon Guam

Carpet:
Lees Squared, Modular
www.leescarpets.com

Furnishings

Reception furniture:
Custom design by Riccardo Tossani
Architecture, fabricated by Thaiwood
Productions Co.Ltd, Thailand

Chairs:
Custom design by Riccardo Tossani
Architecture, fabricated by Thaiwood
Productions Co.Ltd, Thailand

Tables:
Custom design by Riccardo Tossani
Architecture, fabricated by Thaiwood
Productions Co.Ltd, Thailand

Upholstery:
Tokyo Sinkol, Japan

Lectern and AV cabinet:
Custom design by Riccardo Tossani
Architecture, fabricated by Thaiwood
Productions Co.Ltd, Thailand
Stainless Steel Altar, Custom design by
Riccardo Tossani Architecture, fabricated
by Inex Kobo, Japan

Lighting

Interior ambient lighting:
Erco Toto Japan

Uplights:
Cooper Lighting www.cooperlighting.com

Task lighting:
Erco Toto Japan

Exterior:
Kim Lighting www.kimlighting.com

Other

Crystal Chandelier:
Custom Designed by Atsuko Itoda; Art
Coordination by Mari Watanabe, Town
Art; Fabricated by Atsushi Toyoshima of
Atelier Eye, Tokyo, Japan

Brise-Soleil System:
Custom design by Riccardo Tossani
Architecture, Fabricated by Okawa Sash,
Tokyo, Japan

Roll Screen Blinds (Electric):
Metaco Inc, Japan