

PASTORAL CENTER & CHRIST CATHEDRAL ACADEMY
 Year built: 1990
 Designed by Gin Wong and Associates
 Renovations: Interior improvements
 Estimated cost: \$4.7 million

TOWER OF HOPE
 Year built: 1968
 Designed by Neutra
 Renovations: Seismic, interior and elevator upgrades
 Estimated cost: \$6.1 million

MEMORIAL GARDENS
 Year built: 1990
 Renovations: Expansion, fountain repairs, replacing and upgrading landscaping
 Estimated cost: Not known because in design phase

CREAN BELL TOWER
 Year built: 1990
 Designed by Philip Johnson

CATHEDRAL CULTURAL CENTER
 Year built: 2002
 Designed by Richard Meier
 Renovations: Develop bookstore and cafe.
 Estimated cost: \$2.2 million

FUTURE CHRIST CATHEDRAL
 Year built: 1980
 Designed by Johnson
 Renovations: Interior transformation for a Catholic place of worship.
 Estimated cost: \$29 million

LARGE AND SMALL GALLERIES
 Year built: 1959
 Designed by Neutra
 Renovations: Interior upgrades
 Estimated cost: \$325,000

ARBORETUM
 Year built: 1961
 Designed by Neutra
 Renovations: See below
 Estimated cost: \$6 million

PARKING
 1,680 spaces



becoming Christ Cathedral

FRED MATAMOROS and SANDY CORONILLA / The Register

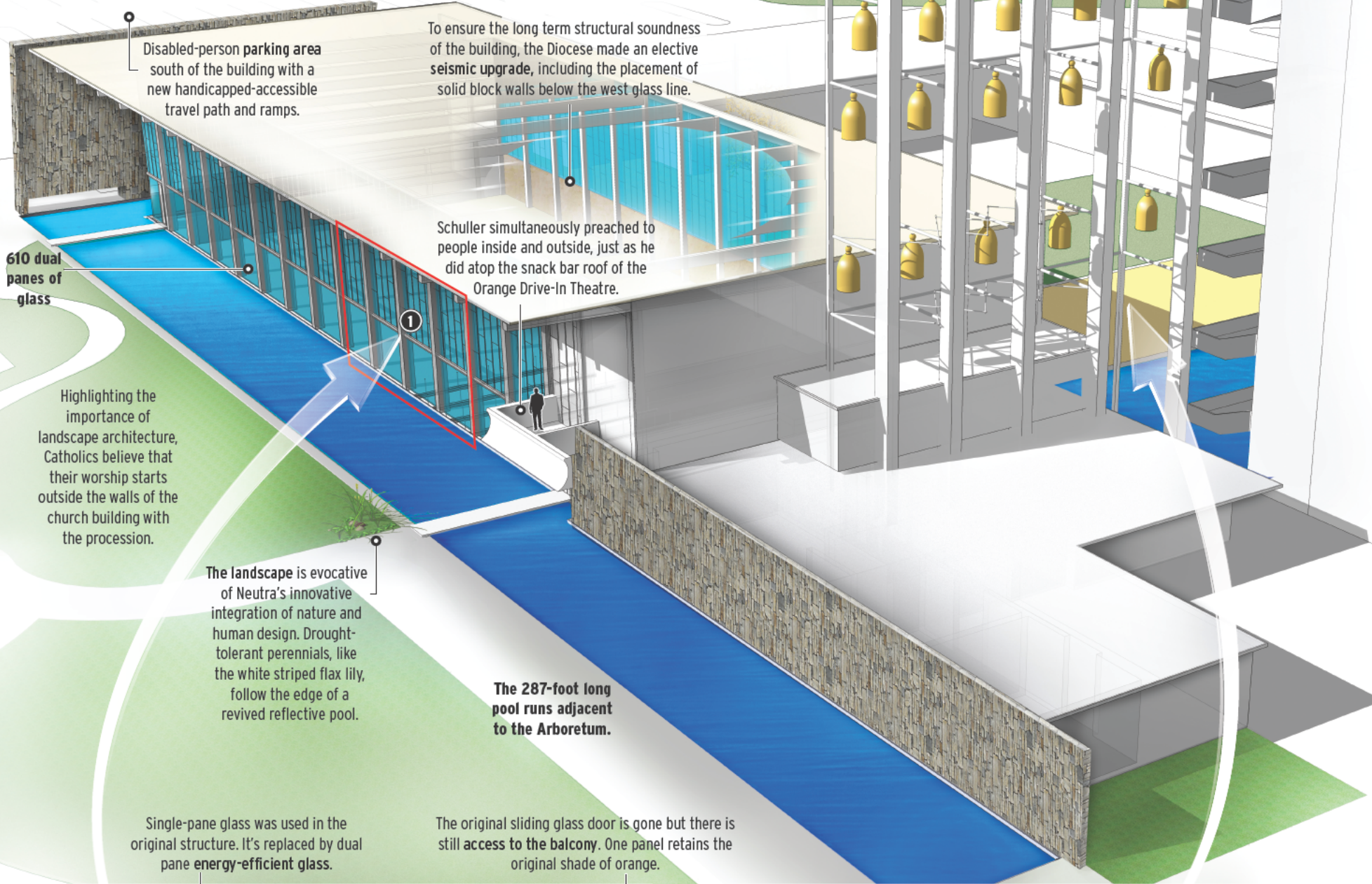
The first step for the Roman Catholic Diocese of Orange as it becomes Christ Cathedral is the renovation of the iconic architecture of Richard Neutra's Arboretum, the original walk-in, drive-in sanctuary for Robert Schuller's Crystal Cathedral Ministries. The Arboretum will serve as the temporary worship space of St. Callistus.

Neutra coined the term "bio-realism" and sought to create a peaceful, relaxed mood by integrating outdoor elements into his designs. The result is an aesthetic that allows congregants to view the sky above or the swaying olive trees while seated comfortably indoors.

The diocese sought input on the restoration process from members of the architecture community and Neutra preservationists to ensure the integrity of Neutra's design and vision were intact. Lay and clergy have embraced the input, and as architect and USC lecturer Mina Chow said, the Catholic Church "always gets architecture right." She added that architecture has the power to unite a community - something the Catholic Church and its leadership have said they must prioritize.

Arboretum

Schuller conceptualized the world's first walk-in/drive-in church. For two decades, the Neutra sanctuary served as the primary worship space for Schuller's congregation. The Arboretum will become the temporary church building of St. Callistus while the future Christ Cathedral is being renovated.



Disabled-person parking area south of the building with a new handicapped-accessible travel path and ramps.

To ensure the long term structural soundness of the building, the Diocese made an elective seismic upgrade, including the placement of solid block walls below the west glass line.

610 dual panes of glass

Schuller simultaneously preached to people inside and outside, just as he did atop the snack bar roof of the Orange Drive-In Theatre.

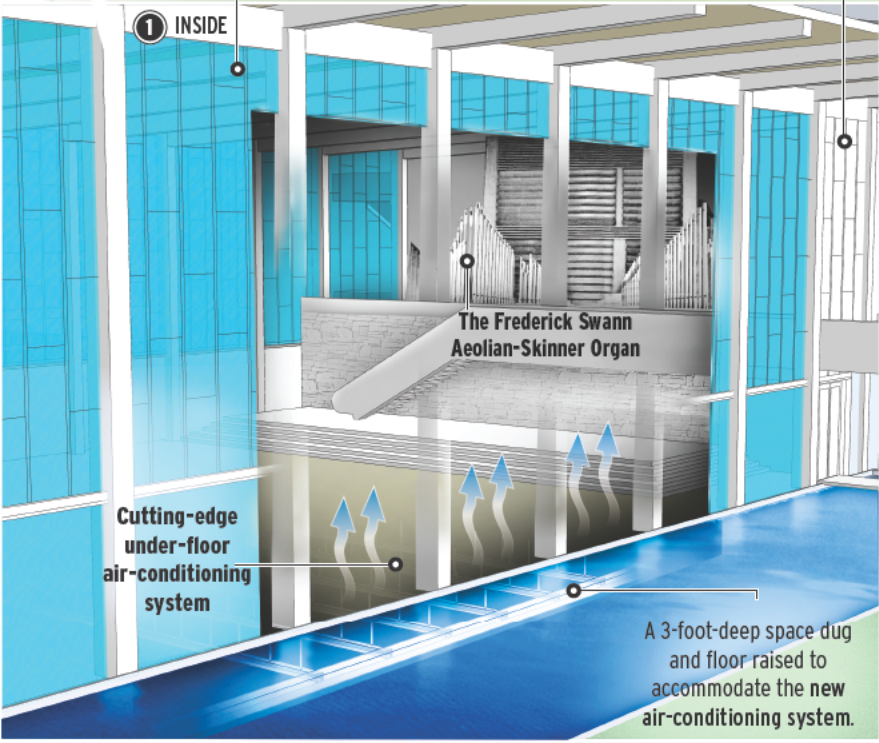
Highlighting the importance of landscape architecture, Catholics believe that their worship starts outside the walls of the church building with the procession.

The landscape is evocative of Neutra's innovative integration of nature and human design. Drought-tolerant perennials, like the white striped flax lily, follow the edge of a revived reflective pool.

The 287-foot long pool runs adjacent to the Arboretum.

Single-pane glass was used in the original structure. It's replaced by dual pane energy-efficient glass.

The original sliding glass door is gone but there is still access to the balcony. One panel retains the original shade of orange.

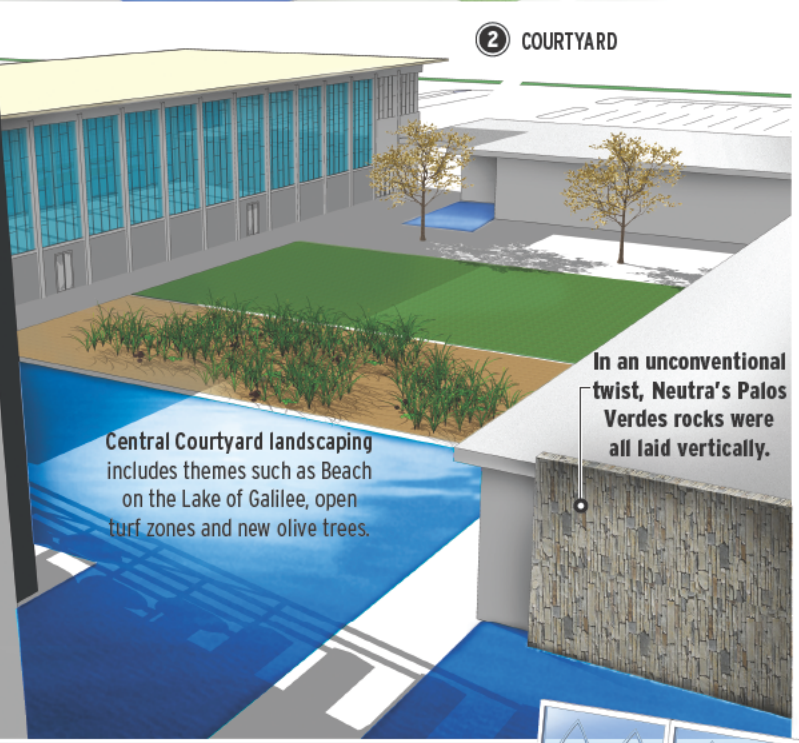


1 INSIDE

The Frederick Swann Aeolian-Skinner Organ

Cutting-edge under-floor air-conditioning system

A 3-foot-deep space dug and floor raised to accommodate the new air-conditioning system.



2 COURTYARD

In an unconventional twist, Neutra's Palos Verdes rocks were all laid vertically.

Central Courtyard landscaping includes themes such as Beach on the Lake of Galilee, open turf zones and new olive trees.

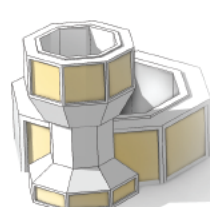
Elements of a Catholic cathedral
 Roman Catholic worship is processional. It involves physically moving through activities. Whether baptizing with holy water, preparing the Eucharist at the altar, reading the gospel at the ambo, or even walking through doors into the narthex, or lobby, it's a sacred experience. The diocese has hired a liturgical consultant, Brother William Woeger of the Archdiocese of Omaha, to advise on the best way to arrange the space in the future cathedral to encourage parishioners' full participation.

ALTAR
 A holy table that represents Christ's last supper. It's a gathering place for believers where they raise up an offering

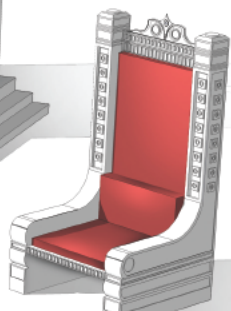
CATHEDRAL DOORS
 To the faithful, they represent the entrance into salvation



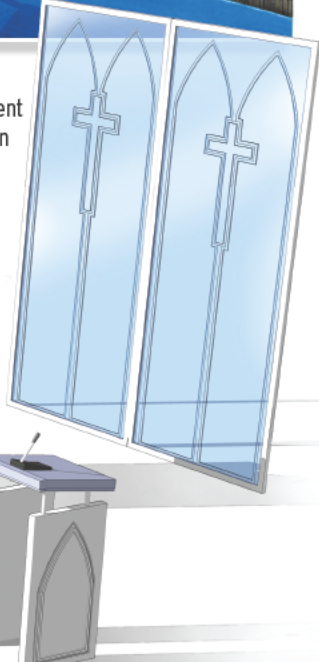
TABERNACLE
 Contains consecrated bread to be given to the sick or those on their deathbed



BAPTISMAL FONT
 This is where a Catholic's faith journey begins through baptism



BISHOP'S CHAIR
 To be a cathedral there must be a cathedra, which is the bishop's seat



AMBO
 Where the Bible is read and the gospel is proclaimed during the liturgy

Sources: Roman Catholic Diocese of Orange, LPA Inc., Cannon Construction