

Saint Ignatius High School



University of Detroit-Mercy



Boulder, Colorado



CHRISTOPHER A. LOBAS
Architect, Teacher. Portfolio of Professional and Academic Projects.





This Presbyterian cathedral, a fine example of English Gothic Revival architecture, was designed by renowned church architect Ralph Adams Cram and dedicated in 1911.

In addition to cathedrals, Cram is undisputed as the father of Collegiate Gothic architecture, with buildings on the campuses of Princeton University, Williams College, Phillips Exeter Academy, The University of Notre Dame, and Rice University, among others.

The limestone entry terrace at the McGuffin Tower, depicted above, was designed as part of a programme of accessibility renovations. The design includes custom hand-wrought work by local artisans: decorative iron railings and ceramic tile inserts.

Other renovations included a new elevator, a lift, and unisex restrooms, all making the major areas of the church accessible to those with mobility problems.



Gothic Revival
Cathedral
Renovations
The Church of
The Covenant
Cleveland, Ohio



This main bank branch was originally entirely housed in a three-story Classical Revival structure. Prominent features include elegant ionic pilasters, a carved stone frieze, a cornice with dentils, and a highly decorated parapet. The bank occupied the main two floors of the building, approximately 4,000 square feet each, and a local lodge utilized the uppermost floor. Realizing his bank had outgrown its natural boundaries, the bank president opted to expand into the adjacent structure, a brick brownstone with 2,250 square feet, then used as a dress shop.

The expansion presented a design challenge of aesthetically unifying the structures with a subtle yet direct approach, both at the front facade and within. At the facade, the buildings were interwoven with an undulating glass curtain wall. The interior needed to address a further challenge: an eighteen-inch vertical differential between the main floor levels of the previously independent structures. A curving accessible ramp bridges the two levels; the ramp itself wraps around a round reception desk. Directly above the desk and ramp, a curved soffit spirals upward.

The center of the reception desk is also utilized as the progenitor for the arc of the adjacent teller desks. Curving geometry meshes the two structures together within and without, and joins exterior and interior into a coherent design.



Beaux-Arts
Bank Remodel
People's Bank of
Caldwell, Ohio



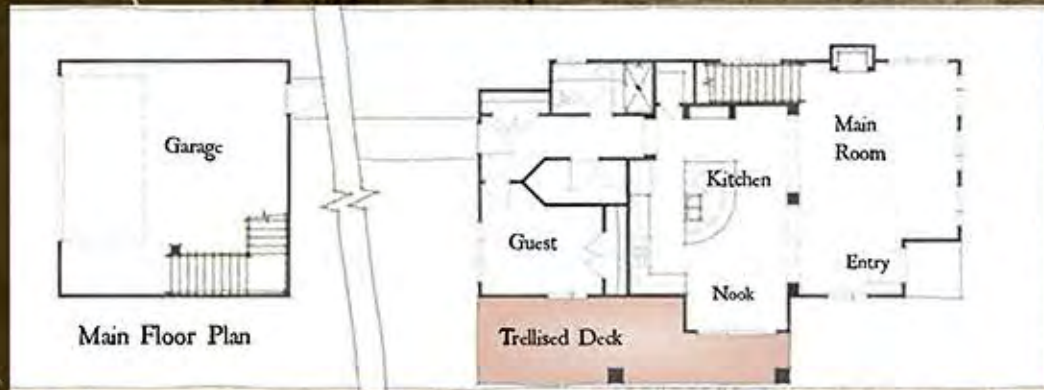
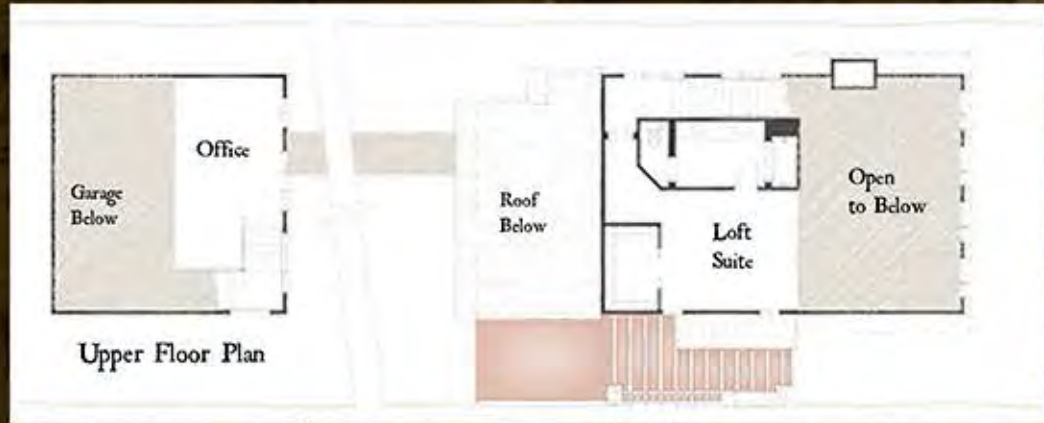
This home is a unique stylistic blend of modern, New Mexico Pueblo, and California Mission style. The strong, bold massing is accentuated with delicate detailing. The evolution of the design and the selection of the materials took place over an entire year.

The homeowners originally desired a two-story green-sensitive home built of adobe. Code regulations prohibited the use of sun-dried bricks in structures over one story, so the design team researched other alternative building materials.

The search culminated in the selection of Cempo block, a recycled styrofoam block with cores filled with concrete. The material performs very well for insulation value, with a high thermal R-value. The reinforced concrete at the cores makes the building system solid and firm. The blocks, covered in stucco, are contrasted with glulaminated arches. The arches create clerestory spaces at the entry and family room, letting in ample natural light.



Pueblo Modern
Style Home
Boulder, Colorado



A young Midwestern developer dient with eclectic tastes requested a high-tech, modern expression for a corner lot. Although the building he requested was contemporary, he wanted the scale and form to be compatible with the traditional homes in the neighborhood. The form was broken up and stepped back, and articulated towards both the streets it faced. The glulamtimbers curve the roof from the front street to the back of the lot. The scale of the building is brought down toward the side street with a wooden trellis bearing upon the side wall. The 1500 square foot interior is modest but gracious, and much of the front living area is two stories tall. A loft with operable walls allows the master bedroom to overlook the living area.



Vaulted Home
Indianapolis, Indiana



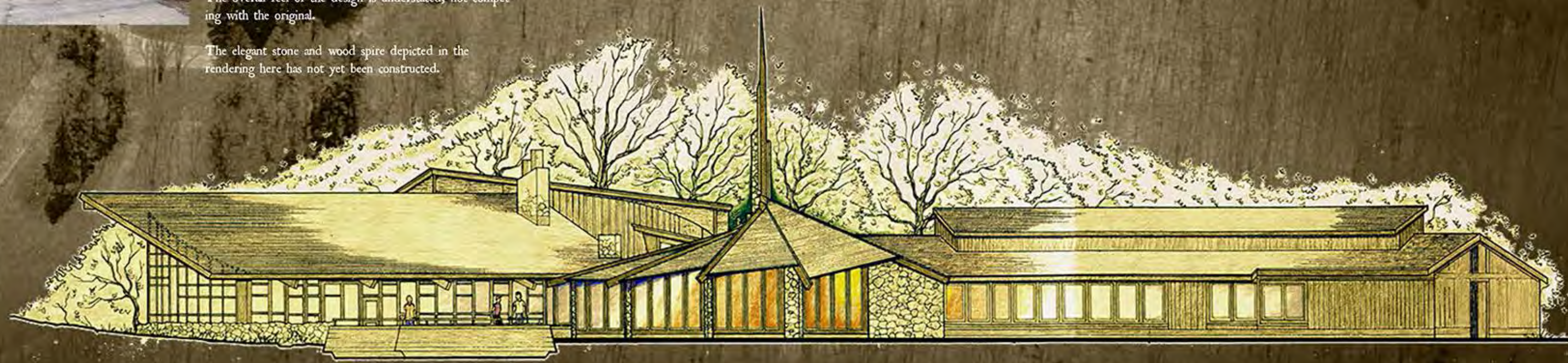


Nestled in the Rocky River Valley, the Cleveland Metroparks Rocky River Nature Center offers views of a 350 million year old shale cliff from a balcony overhanging the river. Several hundred stairs ascend to the top of the diff, where the vista over the valley is spectacular.

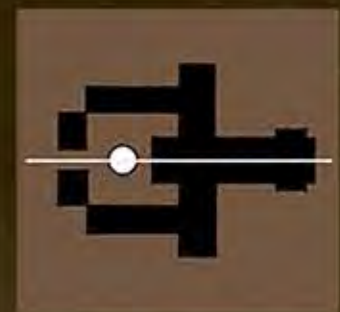
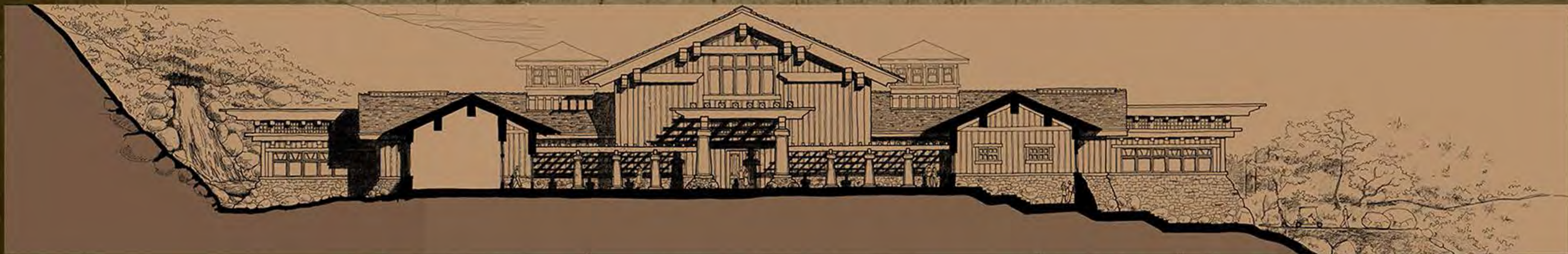
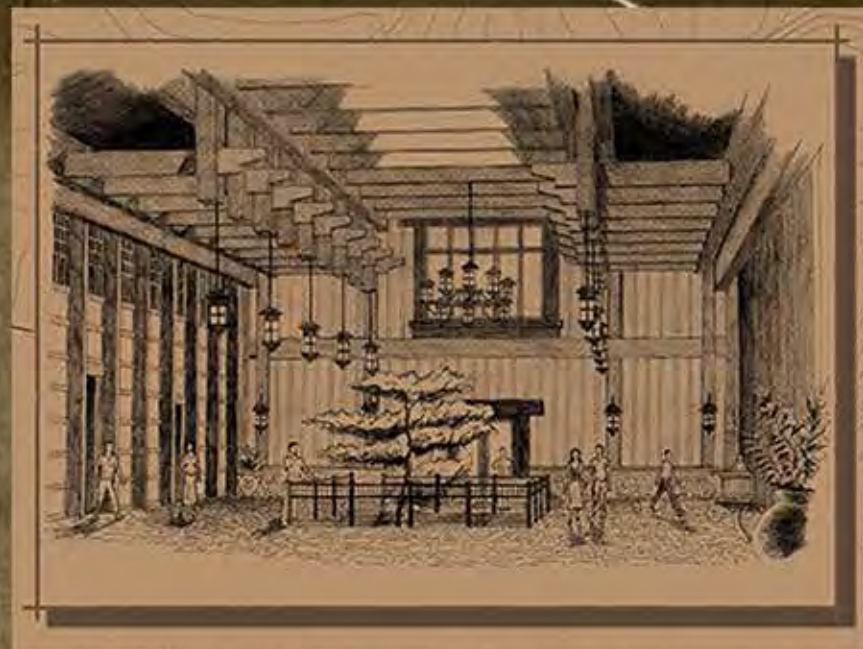
The original interpretive center there was designed in 1969. The project presented craftsman timber detailing in a sculptural modern form, with curving walls, vertical and diagonal wood siding, vast overhanging sloped roof planes, and large expanses of glass.

The addition featured here included administrative space and classrooms, and featured a long series of clerestory windows in a monitor configuration. The design of the curving wing with the monitor skylight was collaborative. The overall feel of the design is understated, not competing with the original.

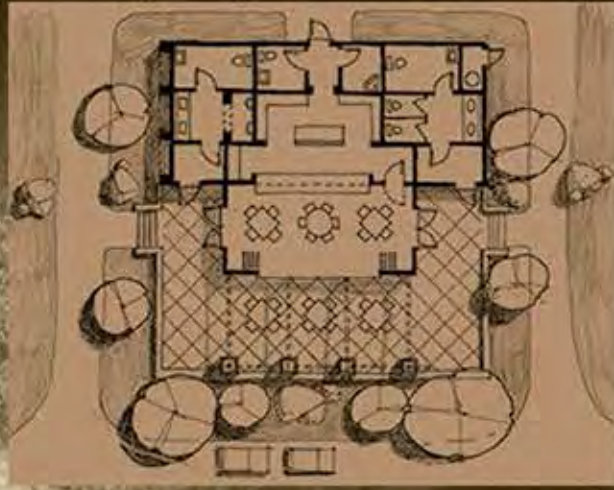
The elegant stone and wood spire depicted in the rendering here has not yet been constructed.



Metroparks
Nature Center
Rocky River, Ohio



Craftsman Style
Sports Club
Design Proposal



Craftsman Style
Teahouse
Design Proposal



Andalusian Style
Residence
Denver, Colorado





This luxury golf clubhouse follows in the rich tradition of Palm Beach architecture made famous by Addison Mizner. The style draws from a wide array of sources: Italian Renaissance, Spanish, Venetian, Moroccan and other distinct stylistic traditions of the Mediterranean.

The floor plan is quite rectangular and regular, but has relief from numerous arcades and courts. Lush gardens and fountains are found in the courtyards. Also, numerous balconies and bays create rhythm and texture on the building surface.

Natural finish stucco and cast stone are the primary materials; Spanish day tile is utilized for the roofing. Detailing includes cast stone decorative arch moldings and cornices, iron railings, and wooden grilles.



Mediterranean
Revival Golf
Clubhouse
West Palm Beach,
Florida

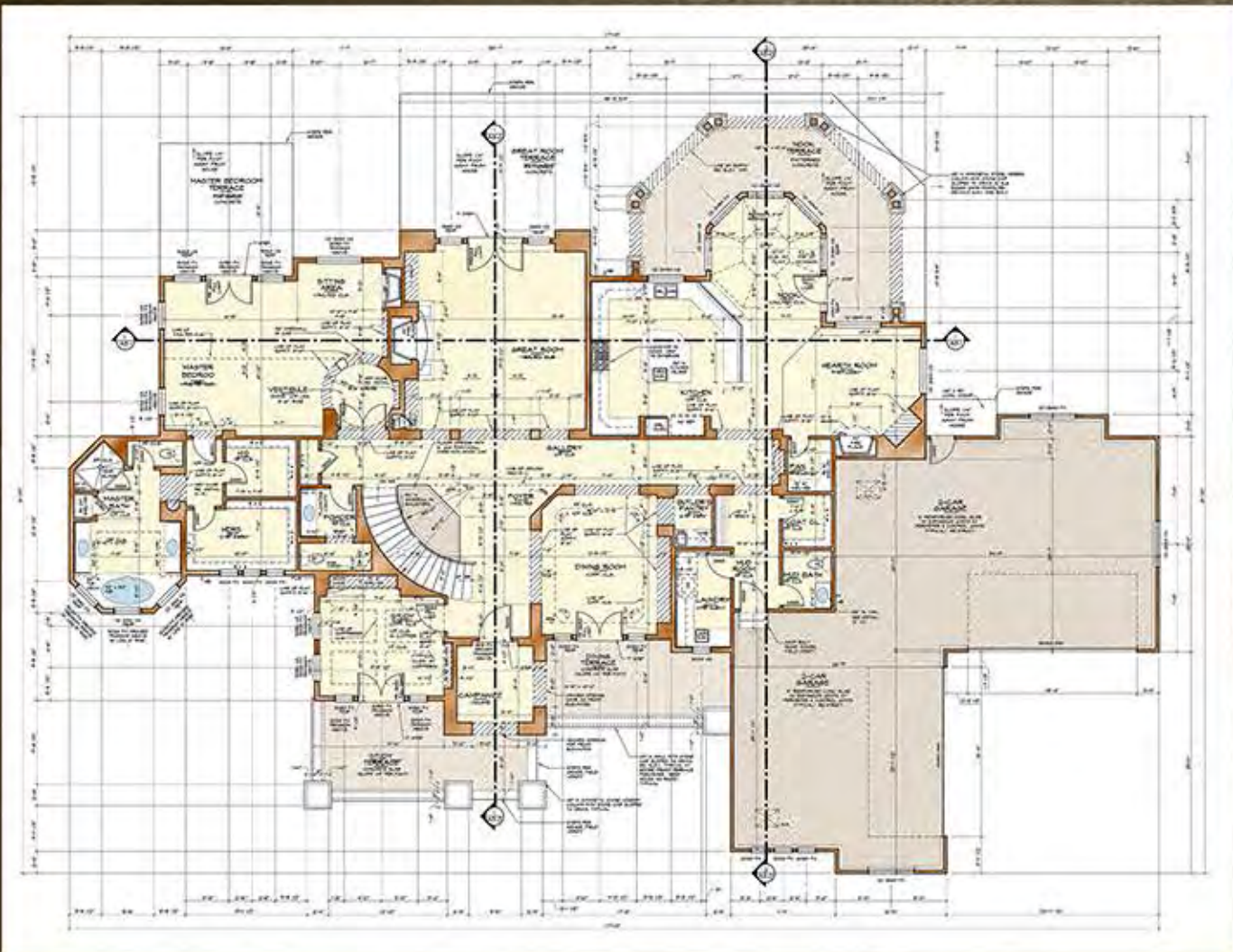


This project is a 30,000 square foot luxury golf clubhouse in the Nevada desert. The design includes locker rooms, a pro shop, a theme restaurant with 19th Hole bar, golf cart storage, and back-of-house facilities. Shaded outdoor living and dining areas allow patrons to enjoy the local arid climate.

The style is Tuscan, and the theme is meant to emulate a Tuscan Winery. Materials include a blend of natural sandstones, stucco, wood timbers, and Italian day tile.



Tuscan Golf
Clubhouse
Las Vegas, Nevada

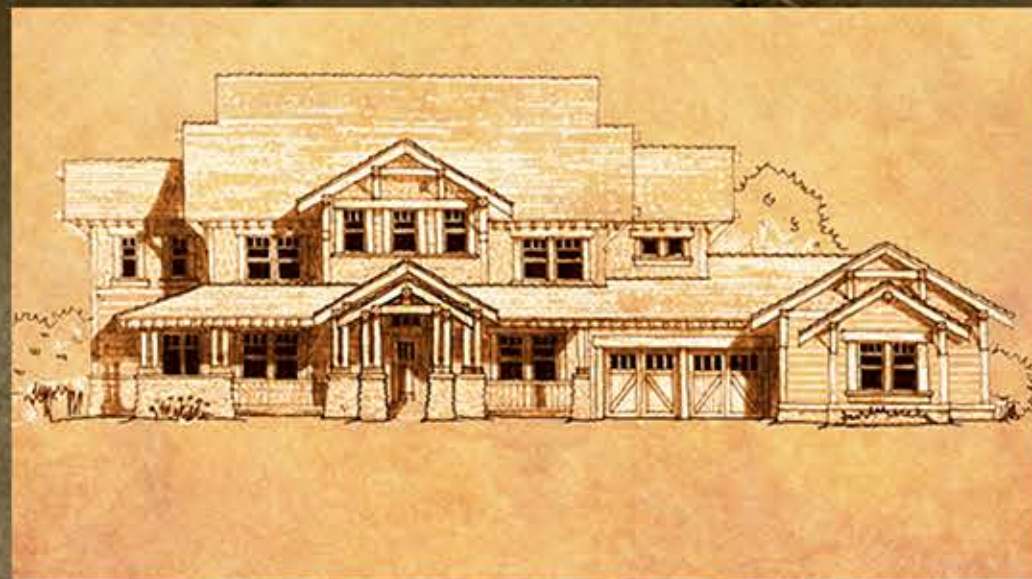


The client, a Colorado custom home-builder, desired a speculative 4500 square foot home with distinct Tuscan styling and authentic materials. The entry feature, a carrillon (belltower) makes a bold statement. Inside is a curving stair and a Great Room with a grand stone fireplace.

Materials include rugged rusticated stone, natural stucco, day tile roofing, and decorative heavy timber corbels at the eaves. Additional fine woodwork and hand plaster detailing is found within. The house recently sold to a proud homeowner.



Tuscan Villa
Littleton, Colorado



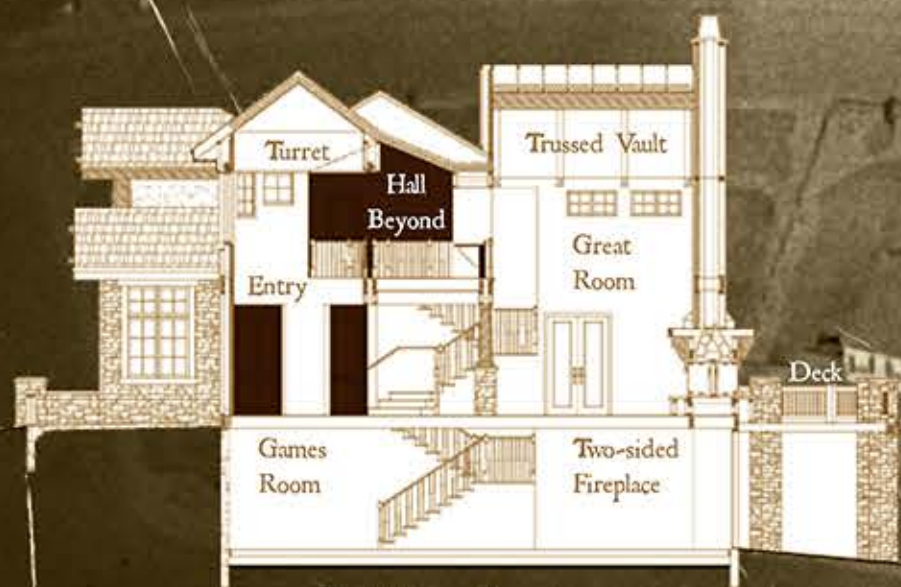
This nearly 5,000 square foot home is a modern interpretation of the Craftsman style, perfected by architects Charles Sumner Greene and Henry Mather Greene in Pasadena, California.

Characteristic stylistic features include a strong stone base; wood trim, brackets, and rafter tails; and lap wood siding and wood shingles as exterior finish materials.

The home is two stories at the entry, with a walk-out lower level at the back. Timber trusses are carried through to the interior of the home, where they are a feature in the luxurious Great Room.



Craftsman
Bungalow
Parker, Colorado



Building Section

This 4,000 square foot home opens to a Colorado mountain vista. The home's features include a main floor Master Bedroom with adjoining Sitting Room and a comfortable Hearth Room and Nook. Large covered and uncovered decks are situated at the back of the house, oriented west to the view.

Materials include natural stone and stucco, and heavy timber for columns, trellis, and trusses. The roof for the turret and the entry canopy were to be made of copper. Construction of the project is still pending, but the design has been emulated elsewhere.



Arts & Crafts
Style Home
Castle Rock,
Colorado





This north Boulder home was an existing 2400 square foot bungalow, suffering from brick spalling and a poor garage foundation. The home required a complete renovation. The owner enjoyed the fine styling of California Craftsman homes and requested a similar transformation.

The addition consisted of an expanded kitchen nook with exposed timber beams, with outriggers at the exterior. A handsome trellis balances the new asymmetrical foyer and heavy timber entrance stair. New interior spaces total 220 square feet, and new deck outdoor living areas total 450 square feet.



Craftsman
Remodel Home
Boulder, Colorado



The Sarah Bousefield House is a stately manor on the near west side of Cleveland, constructed in 1883. It was originally built as a side by side double. The rehabilitation of the home took place at the bequest of private owners who desired to see it transformed into a bed and breakfast, now in operation as Stone Gables. Most ceilings are 12 feet tall, and numerous fireplaces are in parlors and guest rooms. Most of the original wood work and decorative plaster has been restored.

In developing design and construction drawings for the exterior of the house, the design team had minimal documentation. A modern day fire had gutted the front of the home and destroyed the front porch and its roof structure and pediments. The early photo (the image to the left) was the sole authentic original reference.



Queen Anne
Style Manor
Stone Gables B & B
Cleveland, Ohio



The Peralta House, an 1870 Italianate Victorian house, sits on the original hacienda site of the 1820 Peralta land grant. The building, which has been described as the "heart and soul of Oakland," is a city and state landmark and is on the National Register of Historic Places.

The research and design team undertook a dramatic restoration of the historic house. The original interiors were replicated based on historical sources. Missing exterior features, such as corbels and spindles, were fabricated. Paint, wallpapers and finishes were selected based on fragments of original historic fabric. To prepare for its use as a museum and cultural center, the house was upgraded to meet California building codes and to comply with the Americans with Disabilities Act. The structure was also stiffened and reinforced to better withstand seismic activity.

Images depicted above:

- * Original Peralta home, built of adobe
- * First map of the Peralta family territories



Italianate Home
Peralta Hacienda
Oakland, California



Circa 1900



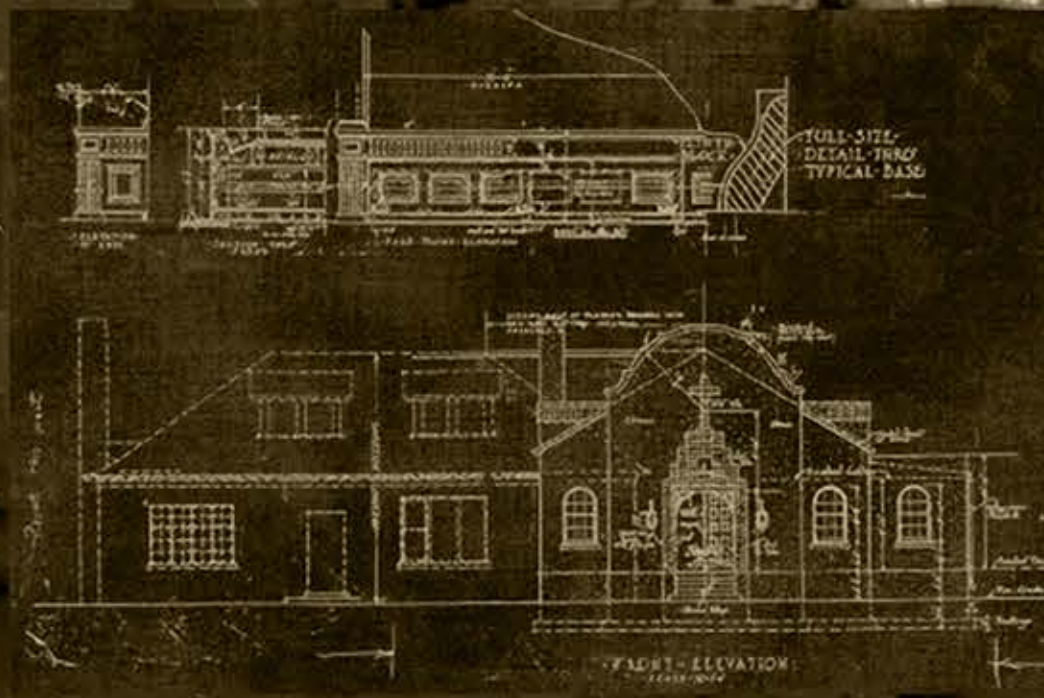
This neighborhood church was constructed in 1860 as the "Church of the Advent" and moved by oxen to its present site in 1880. The style is Carpenter Gothic, and it was originally painted to imitate sandstone.

The church is in similar character to the Victorian homes nearby, all built from redwood harvested in the nearby Oakland Hills. The proportions and some detailing are carpenter gothic, including the lancet arch windows, arch brackets, and trim. Some craftsman style influence is present, including the wood carved corbels and some interior handiwork.

The colorful renditions depicted here were the culmination of a process to measure, evaluate, and recommend potential creative solutions for the edifice. These drawings, with a narrative of the church history, were presented in a grant proposal to several prominent cultural organizations.



Carpenter
Gothic Church
St. James Episcopal
Oakland, California



This church complex replaced the very first Episcopal church in the San Luis Valley, built on the same site in 1882. The current complex is designed in tan stucco, in the Spanish Mission Revival style, and was completed in phases by 1930. The building complex consists of the 1925 Parish Hall, designed by brothers William Ellsworth and Arthur Addison Fisher, a stucco-walled courtyard, and a 1930 Sanctuary addition.

The large masses of the church buildings, the soft, curving corners, and the buttresses are more appropriate for the New Mexico Pueblo style of architecture. However, the workmanship, design elements, and materials are more appropriate for Mission style.

Distinctive features include curved parapets of terra cotta (at the Parish Hall) and stucco (at the Sanctuary). Clay roof tiles were original issue materials on both structures, but were replaced with asphalt shingles in the late 1950s. The latest round of preservation work, conducted with a grant from the Colorado State Historical Fund, included repair of stucco, replacement of structural trusses, new clay tile, and complete interior restoration.



Pueblo-Mission Church
St. Thomas Church
Alamosa, Colorado



Charles J. Anderson built this church edifice in 1922 as the First Methodist Episcopal Church of Monte Vista. The design draws from various sources: the stepped buttress pilasters and crenellation are distinctly Medieval Gothic, whereas the pronounced horizontal base, banding, and cornices are more prevalent in the then-emerging Prairie Style. The interior layout is based on the common Akron plan, developed to allow Sunday school rooms to be opened to the auditorium so that church members and others could listen to a speaker and could receive religious instruction concurrently.

The base is of locally quarried tan rusticated sandstone, and the wall cladding is of purple tapestry brick with a salt glaze. Salt glazing is a firing and glazing method not used since the 1940s.

No other building constructed of this unusual material has been found in the entire San Luis Valley of Colorado.



Prairie Modern
Style Church
Monte Vista
Methodist Church
M.V., Colorado



This unique and eclectic church was constructed as the First Baptist Church in 1911. The vernacular is rural, but the spire appears to be a Scandinavian form. Materials include a concrete foundation, concrete block walls, tin gable ends, and decorative tin roofing panels. The blocks were created in standard wood molds by the builders directly in the field.

This is one of several older structures in this tiny Colorado ranching town named after the famous President of the Denver & Rio Grande Railroad, David H. Moffat. At its peak, Moffat was "the queen city" of the San Luis Valley, a shipping point and loading center for livestock, boasting 2,500 residents. When the railroad ended service to the town in 1954, the population evaporated.



Eclectic Church
Moffat, Colorado



The Strand is a one-story brick theater, with the attached former Hillcrest Hotel (originally a mercantile shop) to the west. It is located in the frontier coal town of Helper, Utah, named because two steam engines (a standard and a "helper" engine) were needed to get the train up the rugged terrain. The theater was initially called the Paramount, and changed to the Strand in 1929. The basement has housed a pool hall, a variety store, a gambling hall, and a venue for Kabuki theater. The businesses on the left hand of the front facade varied, including gift and jewelry stores. The right hand side of the front facade was at one time a confectionery and later was a fashion shop. The theater itself has a claim to fame as the setting for a legendary performance by Marilyn Monroe. Except for the right hand portion, the building is presently unoccupied and, except a more recent theater sign, is essentially unaltered. The hotel is occupied by the current owner.

During initial investigations for a Historic Structure Assessment report, the building was found to have a mostly intact structure, excepting the portion directly above the stage. The roof there is shored by the present owner with temporary bracing from within. The inside of both theater and hotel require a full rehabilitation, to correct decades of neglect prior to the current ownership. The theater is slated to house local theater and arts events to serve this thriving artist community.



Historic Theater
and Hotel
Strand / Hillcrest
Helper, Utah

View from top of
Bear Mountain



View from top of
Green Mountain



Aaron as
Sisyphus



The Boulder Flatirons are part of the Fountain Formation, created by a geological event during the Pennsylvanian age nearly 300 million years ago. The Fountain Formation also includes Red Rocks near Morrison (site of the famous amphitheatre) and the Garden of the Gods near Colorado Springs. The Fountain Formation is primarily composed of arkose, a coarse pink sandstone, rich in feldspar. The uplift of the Ancestral Rockies pushed the formation into its tilted position.

The Flatirons are accessible to the public for hiking, bouldering, and technical rock climbing. Boulder Chautauqua Park is sited at the base of the Flatirons.



Flatirons Rock
Formation
Boulder, Colorado





Chapel of
Notre Dame
du Haut
Ronchamp, France



Goetheanum
Dornach,
Switzerland





Frauenkirche

Munich,
Germany



Sather
Tower

Berkeley,
California





Saint Mary's
Cathedral

San Francisco,
California



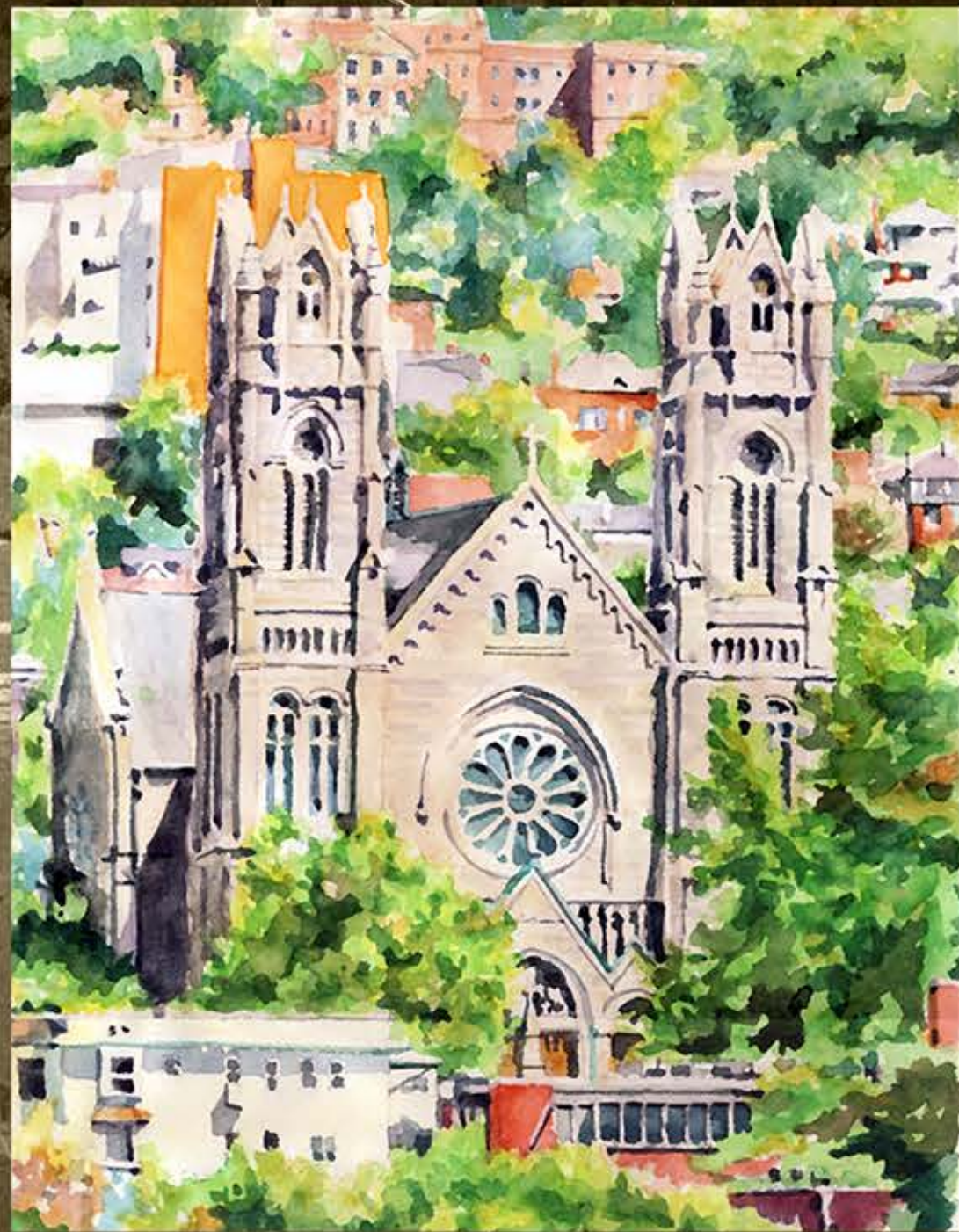
Mission Dolores

San Francisco,
California





Cathedral of the Madeleine
Salt Lake City, Utah



Terpsichore, Muse of Choral Song and Dance
Antonio Canova 1816



The Age of Bronze
Auguste Rodin 1875 - 1876



Apollo Sauroktonos (Apollo the Lizard-Slayer)
Praxiteles circa 350 - 275 B.C.



Cleveland Art Museum Atrium
Rafael Viñoly 2012



Cleveland Museum of Art
Selected Sketches
Cleveland, Ohio



In this Baroque piece, Bernini strove to depict in sculptural form the ecstatic pain Saint Therese experienced when, during a trance vision, an angel pierced her heart with a fiery golden spear. She believed that this spear represented God's divine love.

Therese's explanation: "The pain was so great that I screamed aloud but at the same time I felt such infinite sweetness that I wished the pain to last forever. It was not physical but psychic pain, although it affected the body as well to some degree. It was the sweetest caressing of the soul by God." (from her Spiritual Autobiography)

The sculpture depicts the climax of the event, when the angel removes his spear, and Therese confronts her divine pain and pleasure. Bernini composed the piece in white marble, accented with polished bronze. His craftsmanship is unparalleled: cloth, hair, wings, and especially pure smooth skin all appear lifelike.

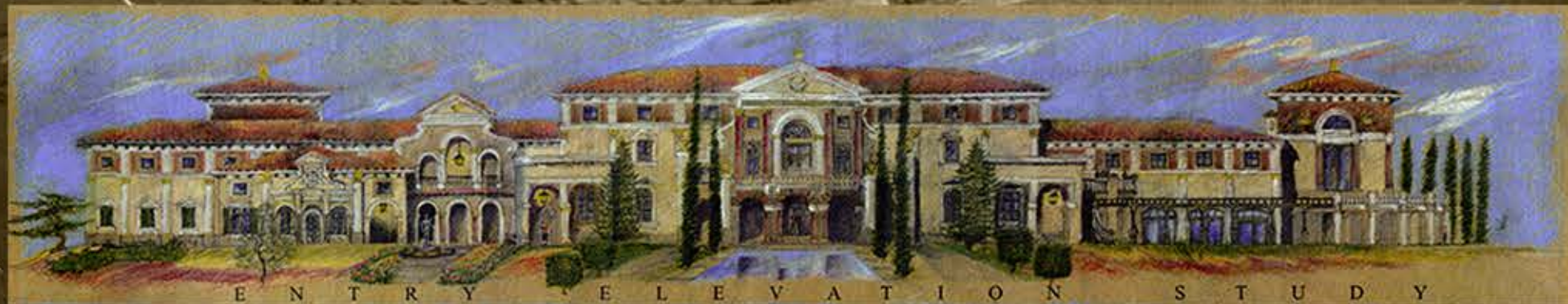
The statue is 350 cm high, and was sculpted between the years of 1647 and 1652.



Ecstasy of Saint Therese sculpted by Gian Lorenzo Bernini
Santa Maria della Vittoria, Rome



Renaissance
Clubhouse
Naples, Florida
Unbuilt



E N T R Y E L E V A T I O N S T U D Y



G O L F C O U R S E E L E V A T I O N S T U D Y



Italian Cultural
Garden

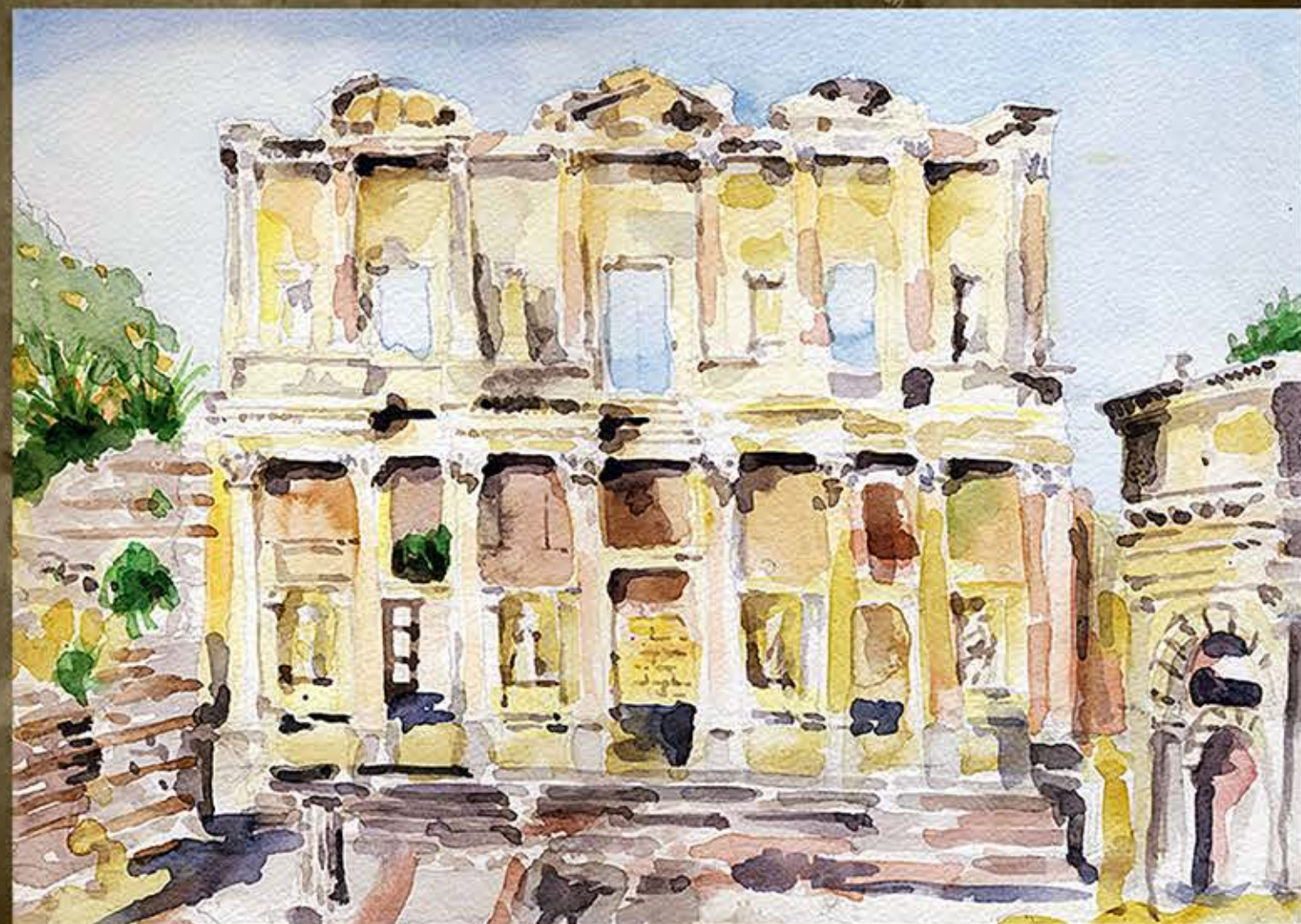
Cleveland, Ohio

First in a series of
illustrations for a
book about the
cultural gardens.





Library of
Celsus
Ephesus, Turkey

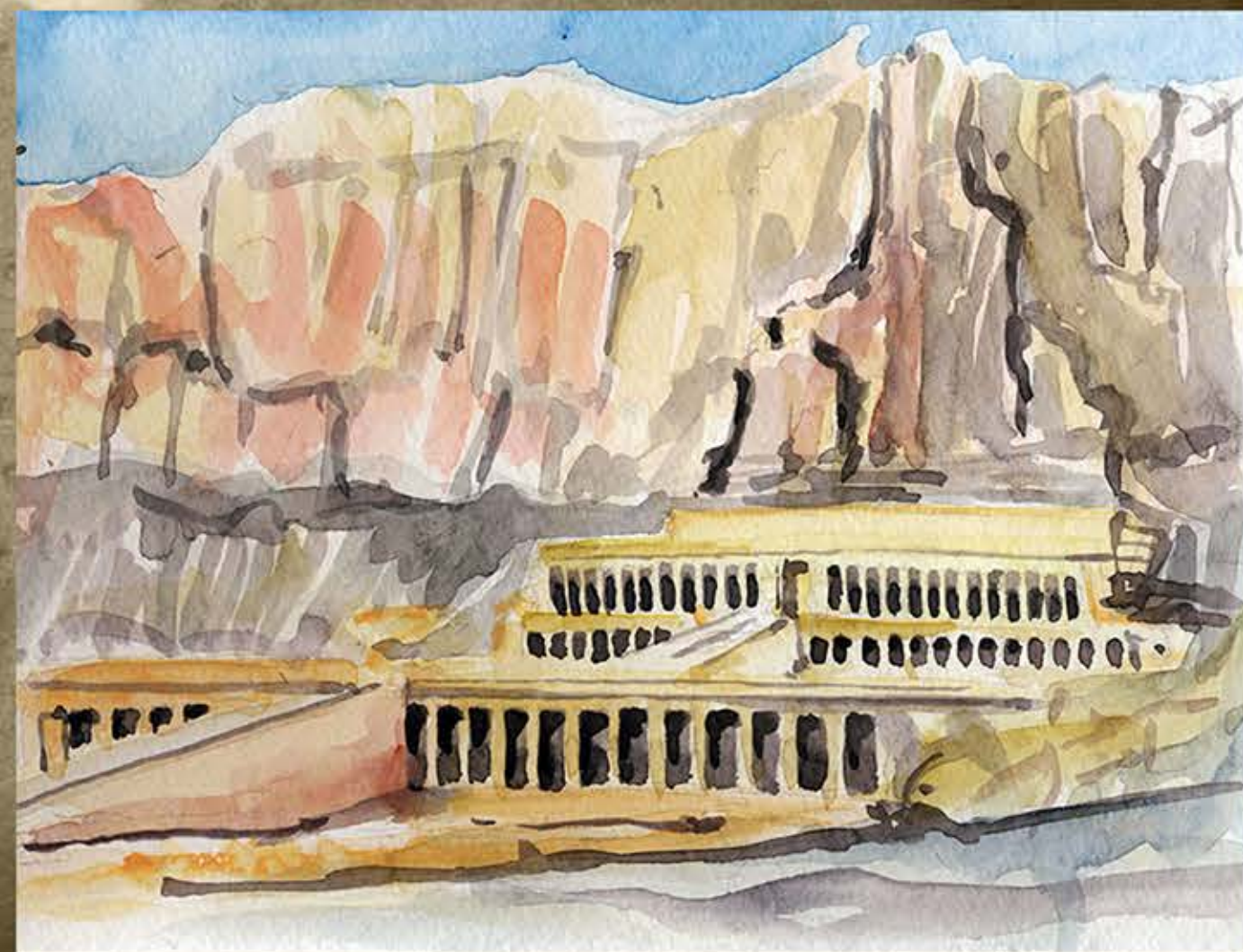
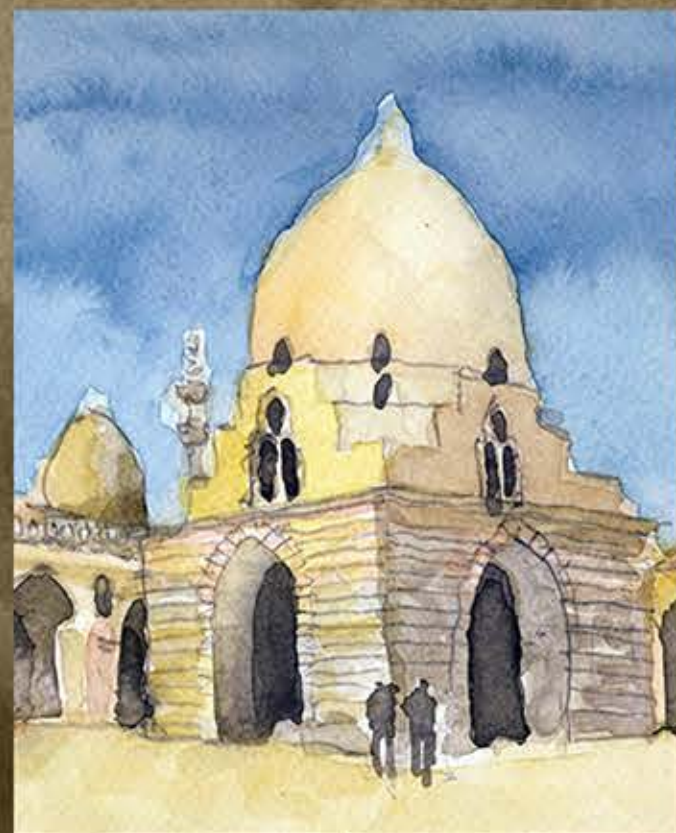


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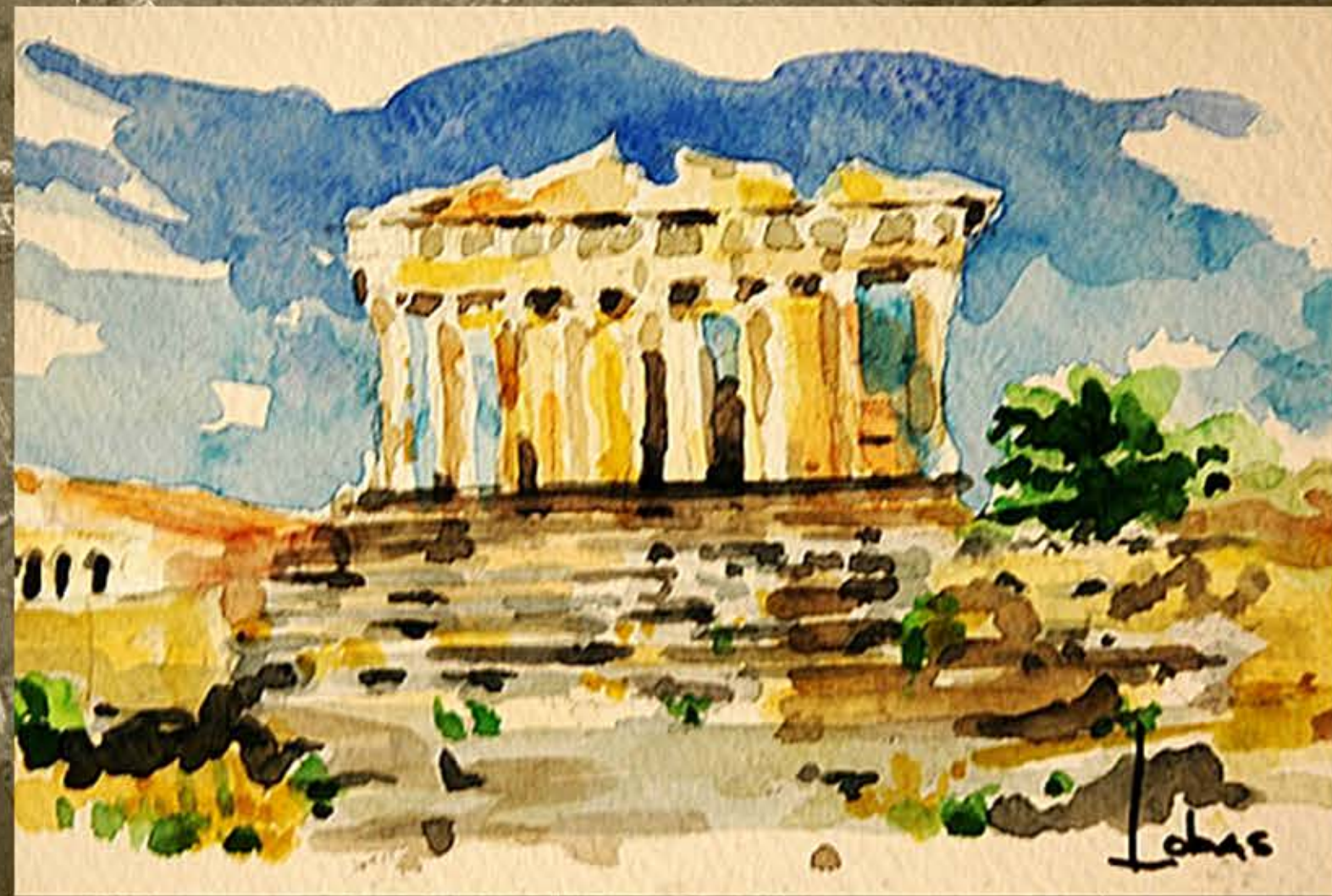


Palace of
Fine Arts
San Francisco,
California





Egypt Travels
from left:
Ibn Tulun Mosque,
Pyramids at Giza,
Hypostyle Hall in
Temple of Karnak,
Temple of Queen
Hatshepsut



Greece Travels

from left:
Chapel in Thira,
Isle of Santorini;

Temple of Apollo
at Delphi;

The Parthenon,
The Acropolis



Funerary Chapel & Columbarium Project

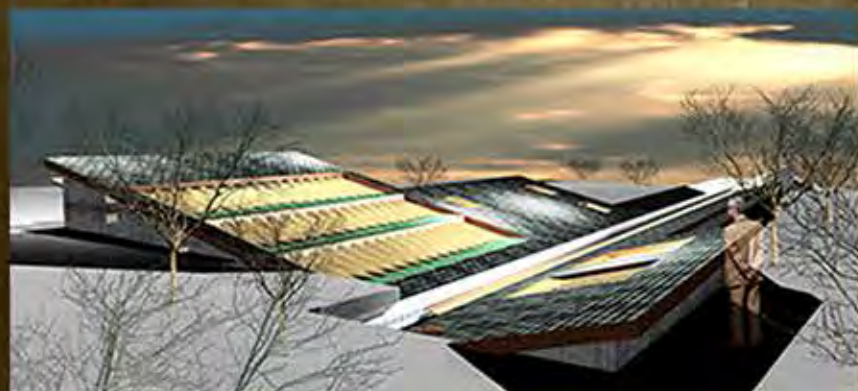
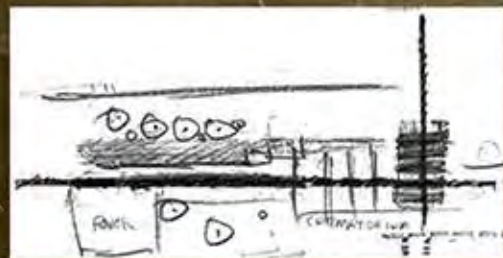
University of Utah
Capstone (4th Year & Graduate)
Spring 2007



Brian Backe, Designer



Sean Baron, Designer



Brian Derrick, Designer



David N. Burluk, Designer
I was David's advisor and mentor.



Nils Fredriksen, Modeler



David Carr, Modeler



Jason Powell, Modeler



Various Student
Design Projects
SUNY College of
Technology
3rd/4th Year Students
2008 / 2009



Scott Jecen, Designer



Yupeng Zheng, Designer





Rebecca Ilencik, Designer

Stan Hywet Hall & Gardens Biophyllic Greenhouse

Kent State University
2nd Year Students

Fall 2009



Natalie Bizjak, Designer



Andre Gomez, Designer

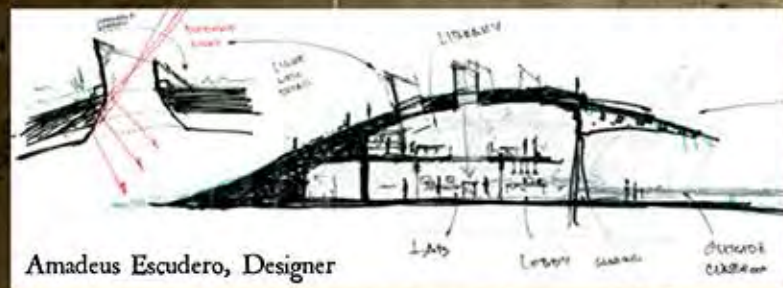


Nikolas Sirna, Designer

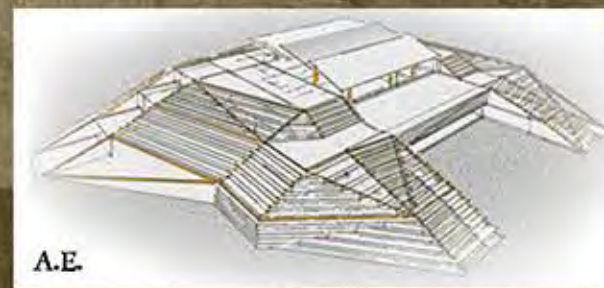


West Creek Confluence Research Center

Kent State University
4th Year Students
Fall 2009



Amadeus Escudero, Designer



A.E.



Mitchell Hoyt, Designer



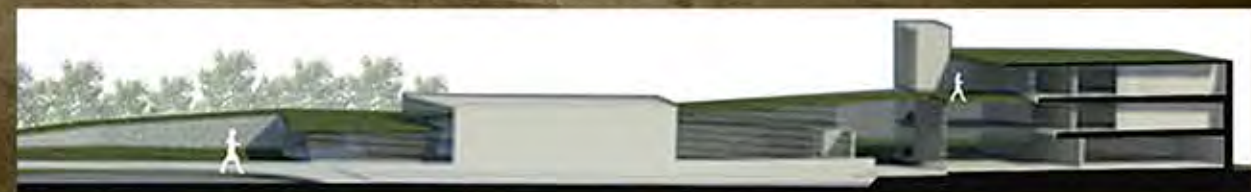
Model by Entire Class
Timothy Magner, Team Leader



Thomas Porter, Designer



Benjamin Grimm, Designer





Digital and Physical Modelbuilding

The College of The Bahamas
2010 - 2012



Notre Dame du Haut,
Ronchamp, France

Roderick McKenzie



Bowe, Forbes, Rolle, Russell



G. Johnson, J. Johnson, Maycock, McCartney



Athenian Treasury, Delphi, Greece

Roderick McKenzie



Parthenon, Athens, Greece

Theo Rolle, Kareem Wallace



Church of Notre Dame
du Raincy, Auguste Perret
Raincy, France

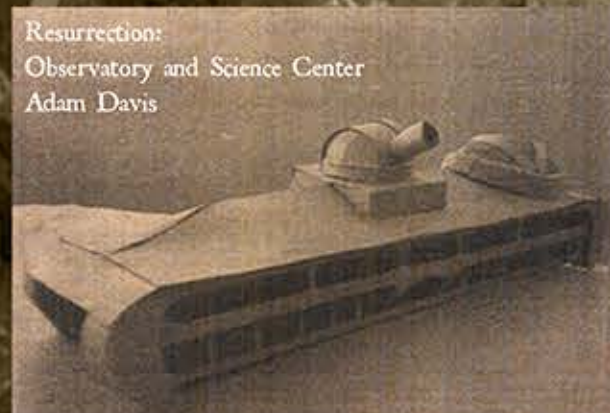
Cynthia Rolle



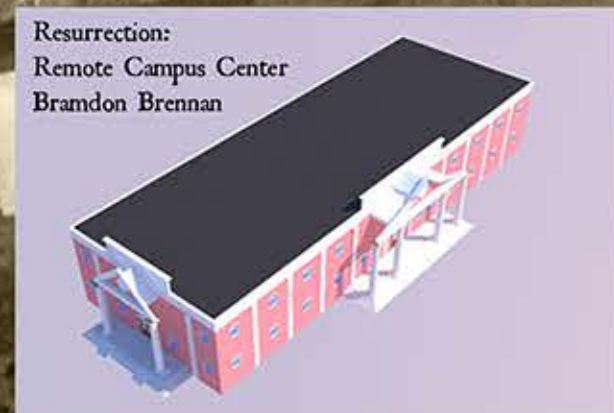
Photo of Existing Building



Student Class Model, Existing Conditions



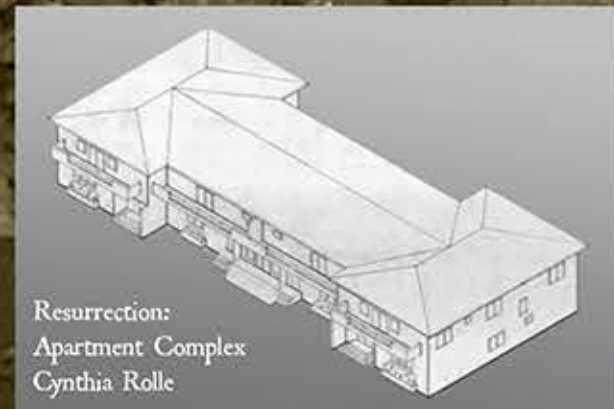
Resurrection:
Observatory and Science Center
Adam Davis



Resurrection:
Remote Campus Center
Brandon Brennan



Resurrection:
Commercial Strip and Restaurant
Raydesha Russell

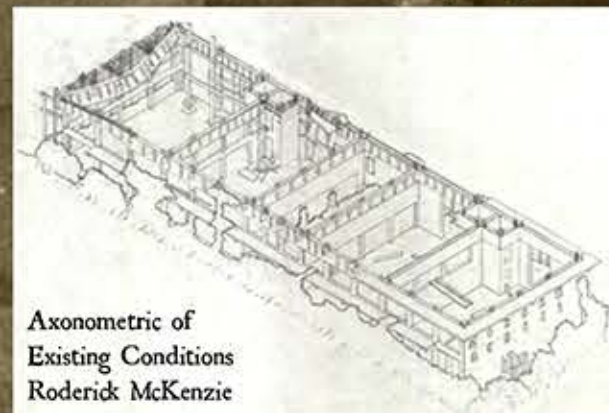


Resurrection:
Apartment Complex
Cynthia Rolle



Adaptive Re-Use Design

The College of The Bahamas
Spring 2012



Axonometric of
Existing Conditions
Roderick McKenzie



FARRINGTON ROAD ADAPTIVE REUSE PROJECT: PLAZA RESURRECTION

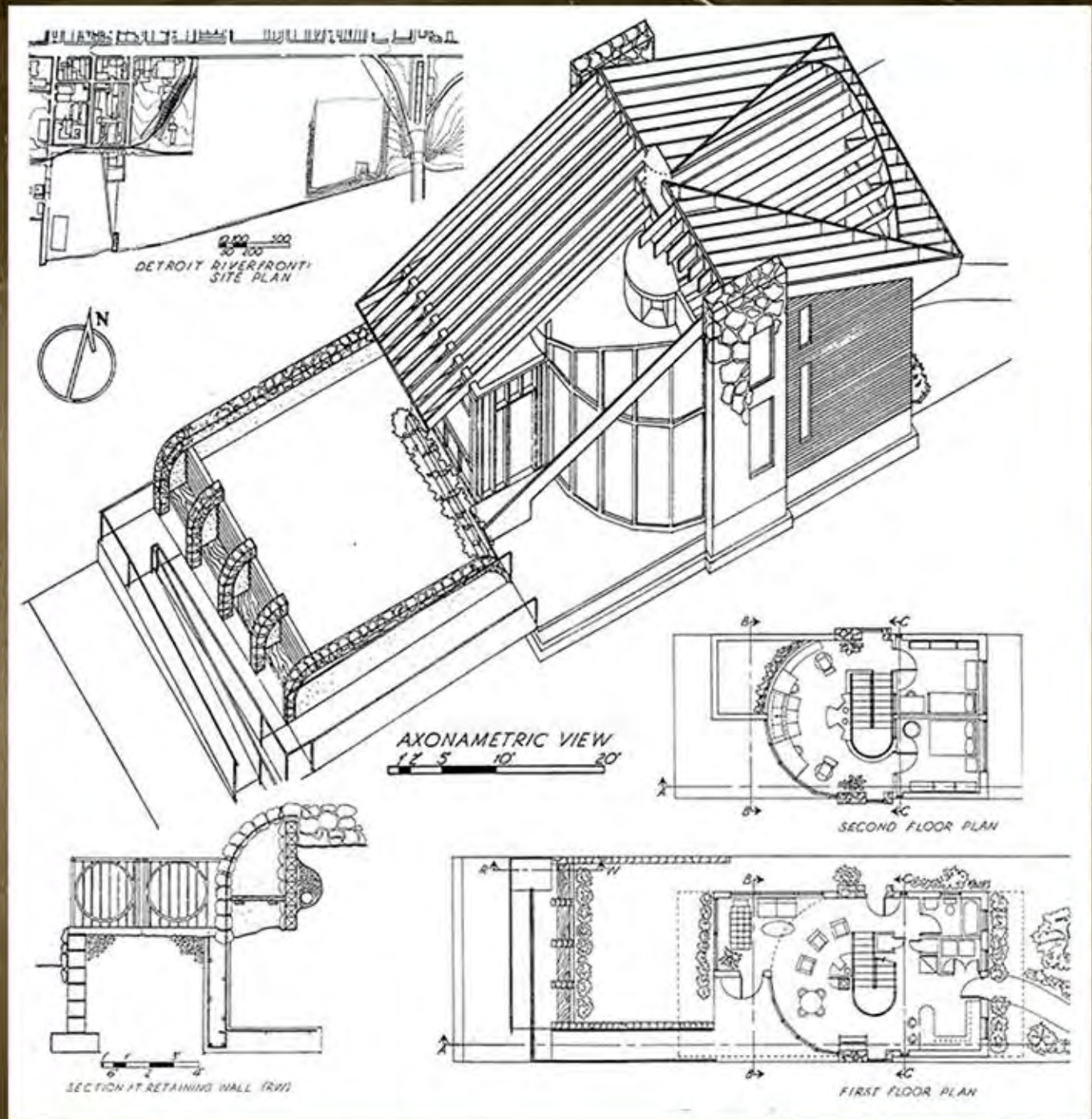
ARCHITECTURAL GRAPHICS
SPRING 2012 PROF. LOBAS



Student Project: Detroit River Residence

Detroit, Michigan

University of
Detroit, 1990

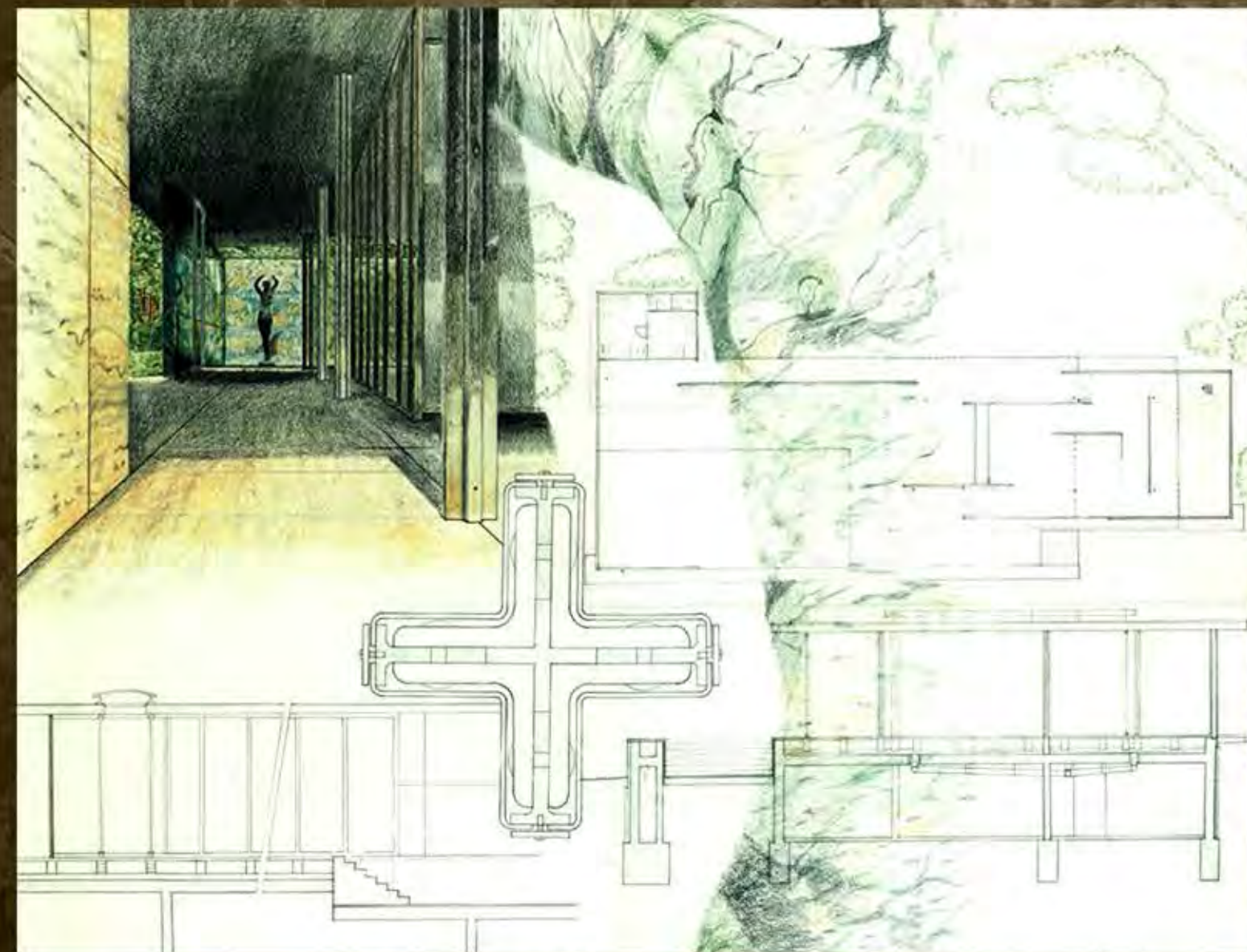


Student Project: Barcelona Pavilion

Barcelona,
Spain

Architectural
analysis of the human
body in built space.

University of
Detroit, 1992



PORTFOLIO CREDITS

Images represent a personal portfolio of independent and collaborative work, undertaken both alone and while under the auspices of architectural firms.

Collaborative projects and historic preservation projects are duly mentioned.

Background aerials from Microsoft "Bing" site. Stan Matz, Microsoft, Consultant.

Gothic Revival Cathedral Addition
Church of the Covenant, Cleveland, OH 1911
Ralph Adams Cram, Architect
I designed the terrace addition
Nave photo 1974, Herrick Clay

Beaux-Arts Bank Remodel, 1996
First National Bank of Caldwell, Ohio
I designed the entire renovation.

Prairie / Modern Home 2000-01
Johnston Residence
I collaborated on the design with Ross Cooney.

Modern Vaulted Home 2005
This project was the first commission of my firm,
Christopher Lobas Architects, P.C.

Modern Expressionist Craftsman Building, 1998
Rocky River Nature Center
I assisted Robert Gaede with the addition.
Photography by Andrew Lobas, 2008

Craftsman Style Sports Club Proposal, 2003
I designed this project in its entirety.
Unbuilt.

Craftsman Style Tea House, 2003
This teahouse was to serve as a restaurant
on the golf course for the previous project.

Andalusian Home, 2005
I worked on character studies for the exterior design
and painted the watercolor rendering for this project.

Mediterranean Style Golf Clubhouse, 2002
Design team with Michael Olsen and B. Yongprakit
Design drawings, renderings, and working drawings.

Tuscan Style Golf Clubhouse 2001
Design team with M. Olsen and B. Yongprakit
I contributed design drawings and renderings.
Project meant to emulate a Tuscan winery.

Tuscan Villa 2005
I designed this project in its entirety
Photograph by Nicole Filosa.

Craftsman Bungalow 2005
I designed this project in its entirety

Arts and Crafts Style Home 2005
I designed this project in its entirety

Craftsman Remodel 2000-01
Sweeney Residence
I collaborated on the project with Ross Cooney.

Queen Anne Style Manor House
Stone Gables (Sarah Bousefield House) Cleveland, OH 1883
I assisted John Rakauskas with the historic rehabilitation.
Early photo 1900, anonymous

Italianate Victorian Home
Peralta Hacienda, Oakland, CA 1870
I assisted Kirk Peterson with the historic rehabilitation.

Carpenter Gothic Church
Saint James Episcopal Church, Oakland, CA 1900
Feasibility and color study, 1999

Mission / Pueblo Revival Church
Saint Thomas Episcopal Church, Alamosa, CO 1925
Fisher Brothers, Architects
Historic preservation, HSA in 2004
Early photo, anon. Construction photos, T. Becker

Prairie / Modern Church
Monte Vista Methodist Church, Monte Vista, CO 1922
Charles J. Anderson, Architect and Builder
Historic preservation, HSA in 2004
Bottom left photos, Rio Grande County Assessor's Office

Ectecic Church, unknown architect
Moffat Church, Moffat, CO 1911
Historic preservation, HSA in 2004
Watercolor, David N. Burluk
Photograph, anonymous, town archives

Early Twentieth Century Historic Theater
Strand Theater (and Hillcrest Hotel), Helper, Utah
This is a current historic preservation project.
Town with mountains, Derrin Tepley, 2003

Flatiron Rock Formation, Boulder, Colorado
Watercolor and Colored Pencil, 2000

Notre Dame du Haut, Ronchamp, France 1954
Le Corbusier, Architect
Watercolor, 2003

Goetheanum, Dornach, Switzerland 1928
Rudolph Steiner, Architect
Watercolor, 2003

Frauenkirche, Munich, Germany
Watercolor, 2003

Sather Tower, Berkeley, California
Watercolor, 2004

St. Mary's Cathedral, San Francisco, California
Ink and Watercolor, 2008

Mission Dolores, San Francisco, California
Watercolor, 2012

Cathedral of the Madeleine, Salt Lake City, Utah
Watercolor, 2008

Cleveland Art Museum, Cleveland, Ohio
Sketches and Photographs, 2012

Ecstasy of Saint Therese, Rome, Italy 1652
Gian Lorenzo Bernini, Sculptor
Freehand drawn

Renaissance Clubhouse
Chalk and Colored Pencil Rendering, 2001-2
Project not realized.

Italian Garden, Cleveland Cultural Gardens
Watercolor, 2009
Sample page for book project.

Library of Celsus, Ephesus, Turkey
Watercolor sketch from travels, summer 2009

Palace of Fine Arts, San Francisco, California
Watercolor and Colored Pencil, 2008

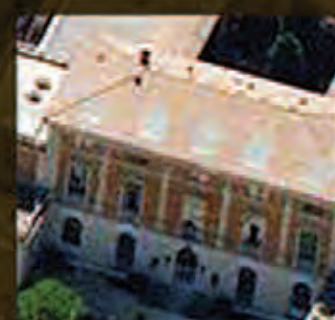
Egypt and Greece
Watercolor sketches from travels, Summer 2009

Work completed by my
outstanding students:
University of Utah, 2007-8
State University of New York, 2008-9
Kent State University, 2009-10
The College of The Bahamas, 2010-12

Detroit River House
Design Project
Completed as a Third-Year student
University of Detroit-Mercy

Barcelona Pavilion, Barcelona, Spain
Architectural Analysis
Completed as a Third-Year student
University of Detroit-Mercy

This page:
Originally prepared as credits for my first
Rome Prize Submission to the American
Academy in Rome.



Christopher A. Lobas