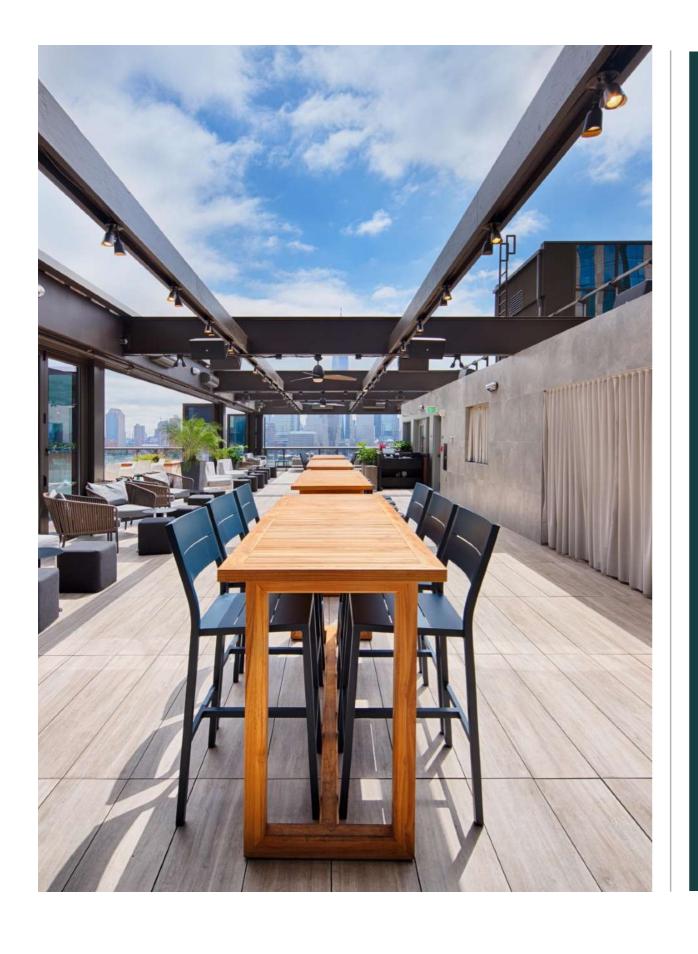




Project Portfolio



34 YEARS & 1200 PROJECTS LATER...

OPENAIRE BUILDS
RETRACTABLE ROOFS
AROUND THE GLOBE

IS YOURS NEXT?



What we do



How to Work with Us

- We work with architects, developers, investors, contractors, construction managers, general contractors, independent builders, property owners and more...
- OpenAire can participate in your project from design to manufacturing, to construction / installation and handover plus can provide architectural and engineering services, operations support, financial/investment planning, business planning etc.
- We are typically included in projects at the Concept Design or Schematic Design Phase. We work with your team to implement your vision.
- The best warranty in the industry: minimum 5 year full parts and labour warranty, training, worldwide support and maintenance

Collaborative Design

- In-house design and engineering
- Certified fabrication & welding facility
- Dedicated customer support and project management
- Revit, Solid Edge, CAD

Engineer Standards

- Minimum L/200 deflection criteria in every design
- Free span enclosures of over 180' (55 m)
- Free-span dome configurations more than 300' (91 m)
- Custom Engineering for all climates & geographies including:
 - High snow/rain loads
 - Seismic zones
 - Hurricane/tornados

Aluminum Construction

- Thermally broken aluminum frames/extrusions
- Baked on paint finish prevents corrosion making them Maintenance Free
- Proven Lower Lifecycle Costs for aluminum buildings
- Key component in energy efficient LEED certification



Salinas Municipal Aquatic Center, CA LEED GOLD RATING



Roger Carter Community Center, MD **LEED SILVER RATING**

8 BENEFITS OF ADDING A RETRACTABLE ROOF



TO YOUR DESIGN OR FACILITY



1 PROMOTES HEALTH AND HYGIENE

Opt for fresh air circulation and daylight for a healthier environment, a new standard in future design.



5 PERFECT CONDITIONS YEAR-ROUND

Rain or shine, your space converts to an indoor or outdoor space in minutes.



MAXIMIZING SPACE AND REVENUE

Convert unused space or extend "usable" space to turn it into a yearround revenue generator.



6 CREATE A PLACE PEOPLE WANT TO VISIT

Attract people to your bright, airy, stunning venue any time, any day.



3 LOWER LIFECYCLE COSTS

Reduced operating costs add up to drastic savings.



MAINTENANCE-FREE

Never repaint again, means no more extended closures for downtime.



A NATURAL LIGHT AND ILLUMINATION

Welcome the outdoors inside with a retractable solution that allows for flexibility.



8 ENERGY EFFICIENT

Natural ventilation allows heat to escape and for reduced use of mechanical air-handling equipment.

1. Promotes Health and Hygiene

entilation is required to achieve and maintain good air quality, as well as thermal comfort levels for the occupants of any space.

There is little evidence that ventilation directly reduces the risk of disease transmission, but many studies suggest that insufficient ventilation increases disease transmission.¹

In this time of a global pandemic, the health of guests in your business is critical. New studies demonstrate the correlation between the transmission of COVID19 in closed environments vs. open air circulation.

In a recent Japan study, the odds a primary case transmitted COVID-19 in a closed environment was 18.7x greater compared to an open-air environment.²

2. Maximizes Space and Revenue

If you have a patio, rooftop or any space that is seasonal, you can enclose it (lot coverage permitting) giving you additional footprint for year round programming. You can also add a retractable skylight and retractable walls (to some building types) to areas that may be under-utilized or purpose specific, turning these into more flexible/programmable environments

Adding an amenity with lower maintenance costs and operating costs allows business owners to focus capital on other areas, and reduce overhead.



3. Lower Life-Cycle Costs

avings when operating a retractable roof (translucent or transparent) enclosure include both the cost of hydro, gas and reduce your reliance on electrical lighting during the day.

In a nutshell when the roof is open, you turn off the mechanical systems and lights in the space. This is the intent of all global energy codes. To use less energy.

Using outdoor air as a dehumidifying source when it is cost effective, rather than using a mechanical dehumidification system, can greatly reduce total operating costs, provide better indoor air quality, and improve system reliability.³



4. Natural Light and Illumination

here is undeniable evidence first, that daylit spaces hold the potential to yield substantial benefits, including increased energy savings, increased revenue in retail applications, and improvements to human health and productivity.⁴

There are a variety of studies showing that daylight is the third most important factor in improving retail sales, behind hours of operation and years since last renovation.⁵

In other words, a day lit space with good hours and a clean, new environment will make more money.

Lighting loads can be reduced by incorporating natural lighting into the envelope design and by using efficient lighting options.⁶

5. Perfect Year Round Conditions

pen and Close the roof at the push of a button. Turn your space into one that can be used for events, parties, an indoor/outdoor rentable venue. Mother Nature will no longer have an impact on any use of your space. The roofs of our largest facilities close in minutes. So with the addition of optional rain sensors the enclosure will do the work for you.



6. Create a place people want to Visit

o compete in towns and cities across the country, all hotels, restaurants, bars, etc, must stay ahead of the trends to attract new guests. This is called improving your marketability.

Offering upgraded facilities that are safer and healthier, to compete with other venues, is critical. Ensuring that these can be open year round enhances their value and ROI via programming opportunities.

A retractable roof ensures you are free from weather related concerns. In addition, the 'peace of mind' associated with being in a bright, open and naturally ventilated space is appealing and "marketable" to attract guests.

7. Maintenance Free Facility

luminum is lightweight, high-strength, corrosion-resistant and widely recycled. It maximizes building efficiency by balancing the functions of heating, cooling, lighting, shading and ventilation. In addition, aluminum in buildings has been proven to last for multiple decades with minimal maintenance, lowering the lifecycle footprint of a building.⁷



8. Energy Efficient

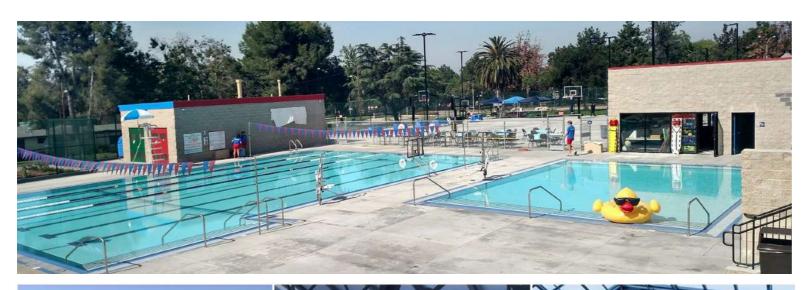
Il energy codes, globally, require new or renovated structures and buildings to use less energy. Aluminum is superior to steel and iron in its ability to reflect the infrared (heat) rays of the sun. *Properly coated aluminum roofs can reflect up to 95 percent of the solar energy that strikes them, dramatically improving energy efficiency. This makes aluminum is a key component in LEED-certified green buildings should you be looking for that designation.*⁹

In addition when the roof is open and the walls are open, you space becomes a naturally "chimney". This is a low cost alternative to expensive energy consuming mechanical ventilation systems.

TOP QUESTIONS ABOUT RETRACTABLE ROOFS ANSWERED...

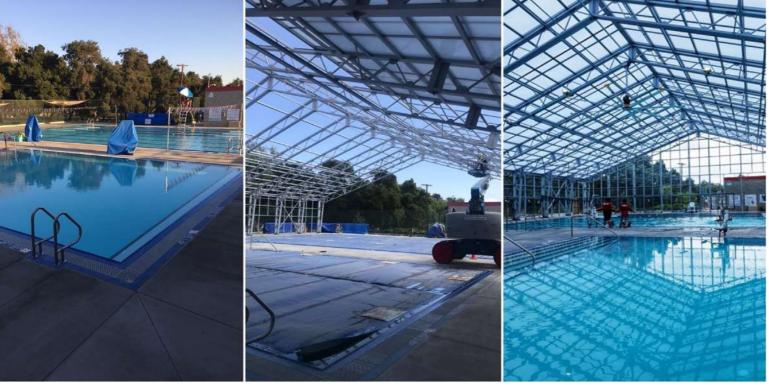
Here are some snapshots of solutions for other clients:

Our Most Asked Question... Can I cover my pool?



YMCA Upland California

YES you can cover an existing pool!



NOTE: this also requires upgrading of mechanical equipment (from your pool guy) and possibly refinishing of decks and pools by that same team.

Before

During

After

Is a retractable skylight double the cost of a fixed skylight?



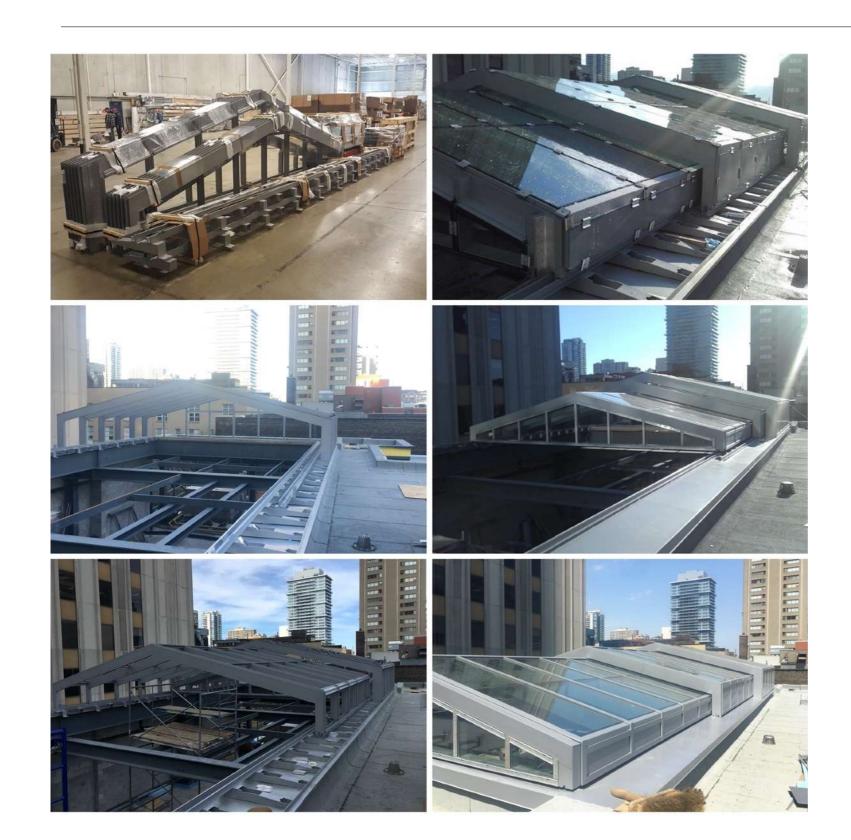
Kellys Landing Restaurant

The skylight is the same size fixed or retractable. If it opens we add tracks and Motors.

Incremental cost added to open (aka add tracks Motors): 10% +/-

Savings on Energy Bills: (Hydro (lighting) and gas) 15-20% non aquatic 20-30% Aquatic

How long does it take? Small project



Boston Pizza

27' x 50'

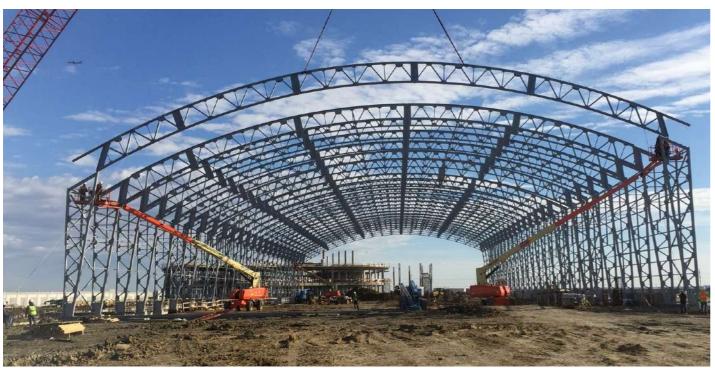
Telescope, glass skylight

Install: 1 month*

^{*} timeline for reference all projects vary

How long does it take? Large project





Epic Waters Waterpark

162' x 382'

Ground Breaking:

October 2015

OpenAire Start:

Dec 2016

Last Truss:

Jan 24 2017

Open to the Public:

January 12, 2018

^{*} timeline for reference all projects vary

I want to keep my patio but use it year round!









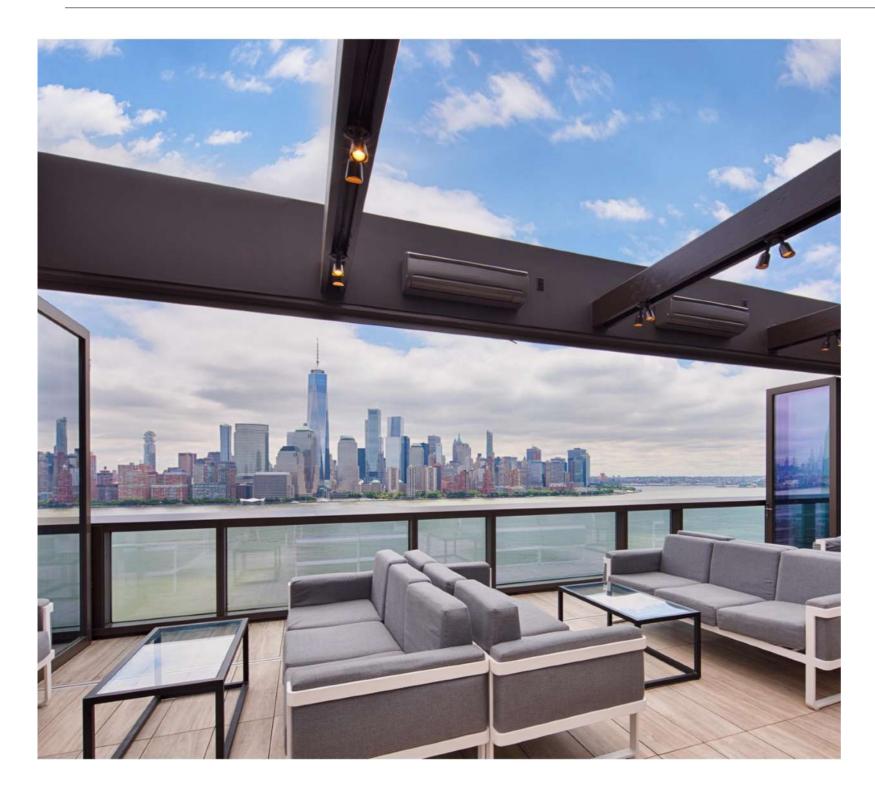
Before

After

Gusto 101

Rooftop patio was subject to weather related closures. Now, same patio, open year round

I don't want to lose my best views!



Hyatt Jersey City

Facing Manhattan, this rooftop has one primary view. This solution not only enhances it, but allows it to be seen year round.

My venue is aquatic, what about Corrosion & Mold?







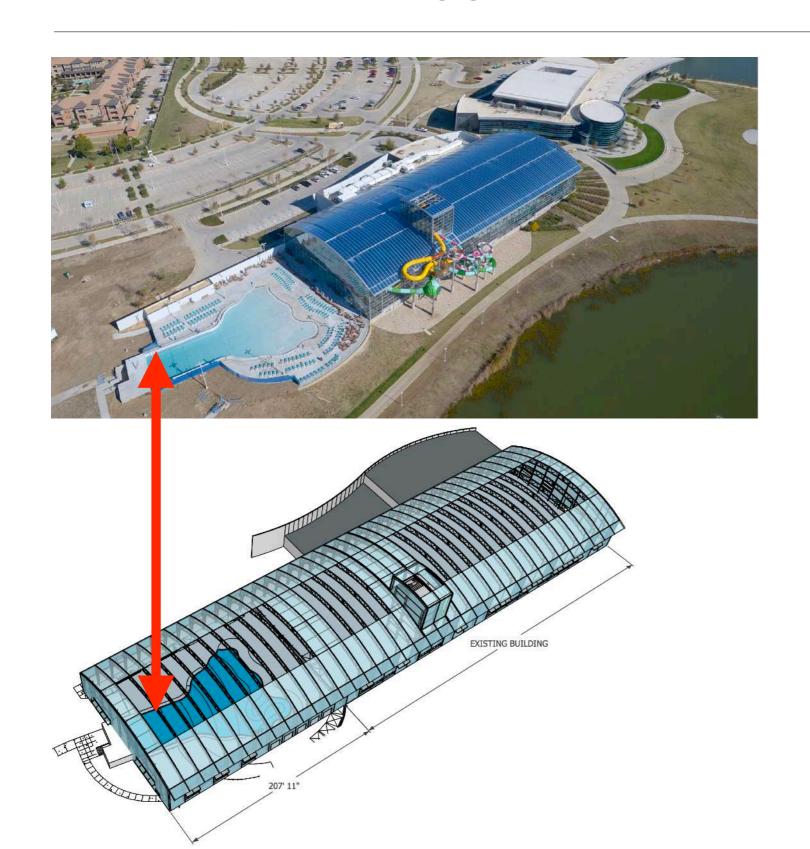


Zehnders Splash Village

During minor gas line maintenance, a hole in a wall led to the discovery roof and wall black mold. The existing glulam structure was in salvageable condition but all other surfaces needed replacement.

Roof was replaced with retractable. Walls replaced with glass.

Can I make it bigger down the road?



Epic Waters Waterpark

This municipal waterpark was designed to grow.

Starting in 2024, the outdoor wave pool will become an indoor wave pool.

The gable end will be removed, the building will get longer and the gable end will be reinstalled in the new location.

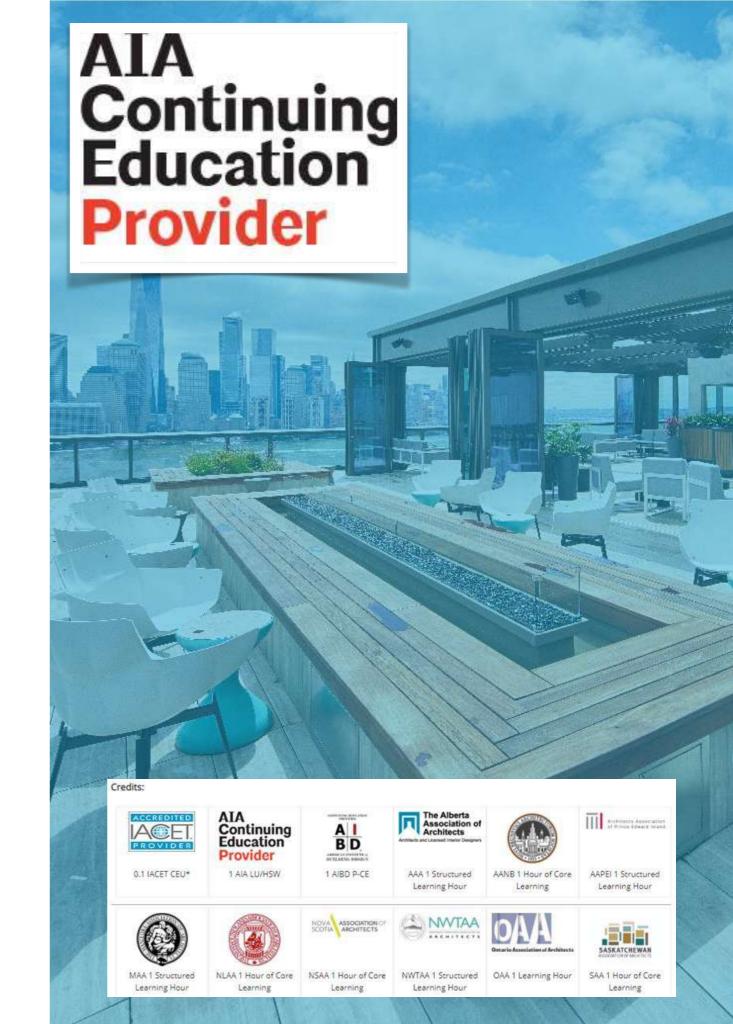
Learn & Earn

OpenAire now offers a Continuing Education Credit for Architects = 1 AIA LU-HSW

LEARN:

- How they can be added to new & existing buildings
- The health, safety, benefits for occupants
- How retractable roofs can save energy costs \$\$
- The benefits of a Naturally Ventilated Space
- How large volumes of air will potentially reduce the load of airborne disease pathogens
- How retractable roofs are a sustainable and can reduce the carbon footprint of a building
- How they can your reduce building yearly operating costs

https://openaire.com/continuingeducation/



Waterparks



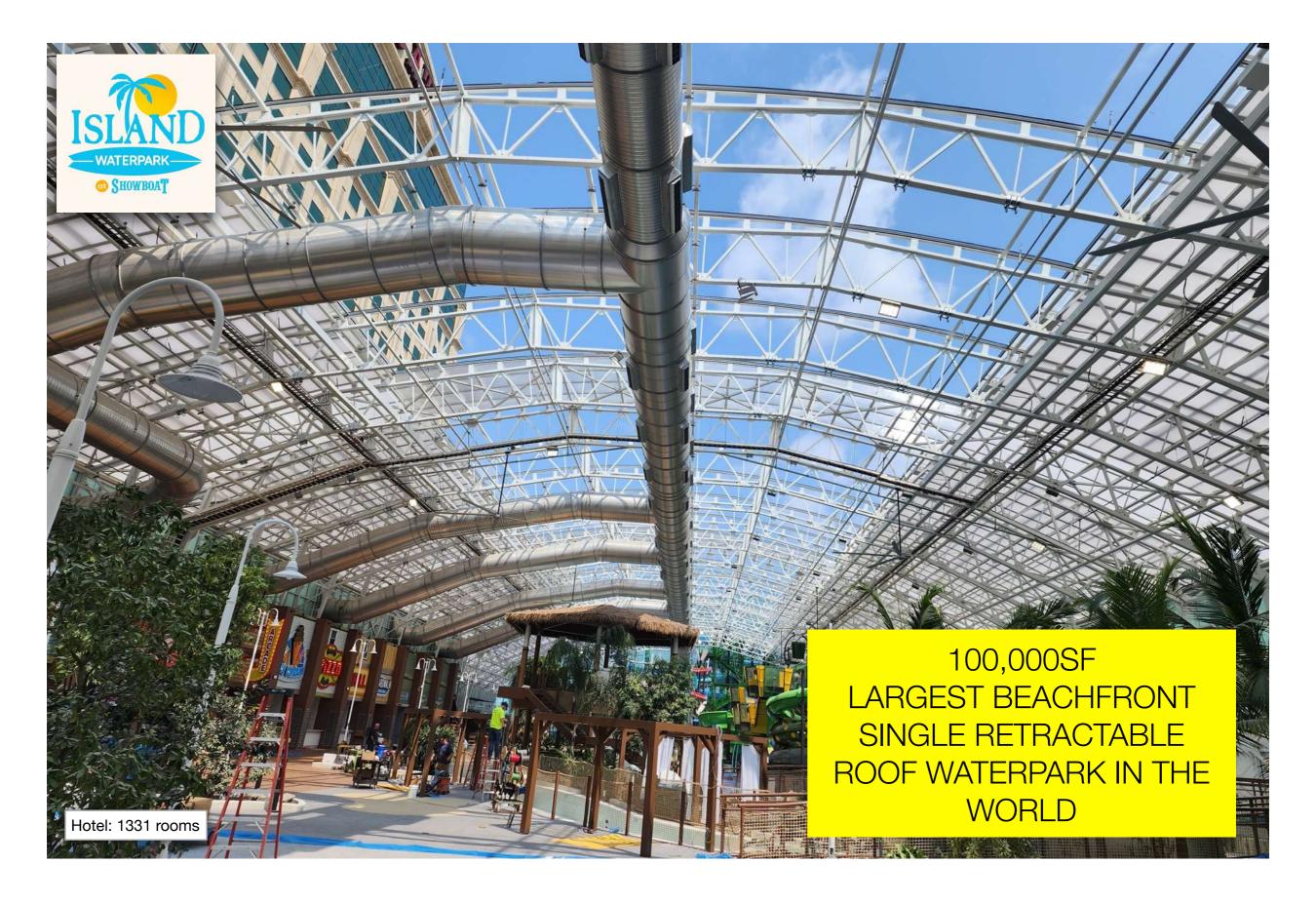
Waterparks

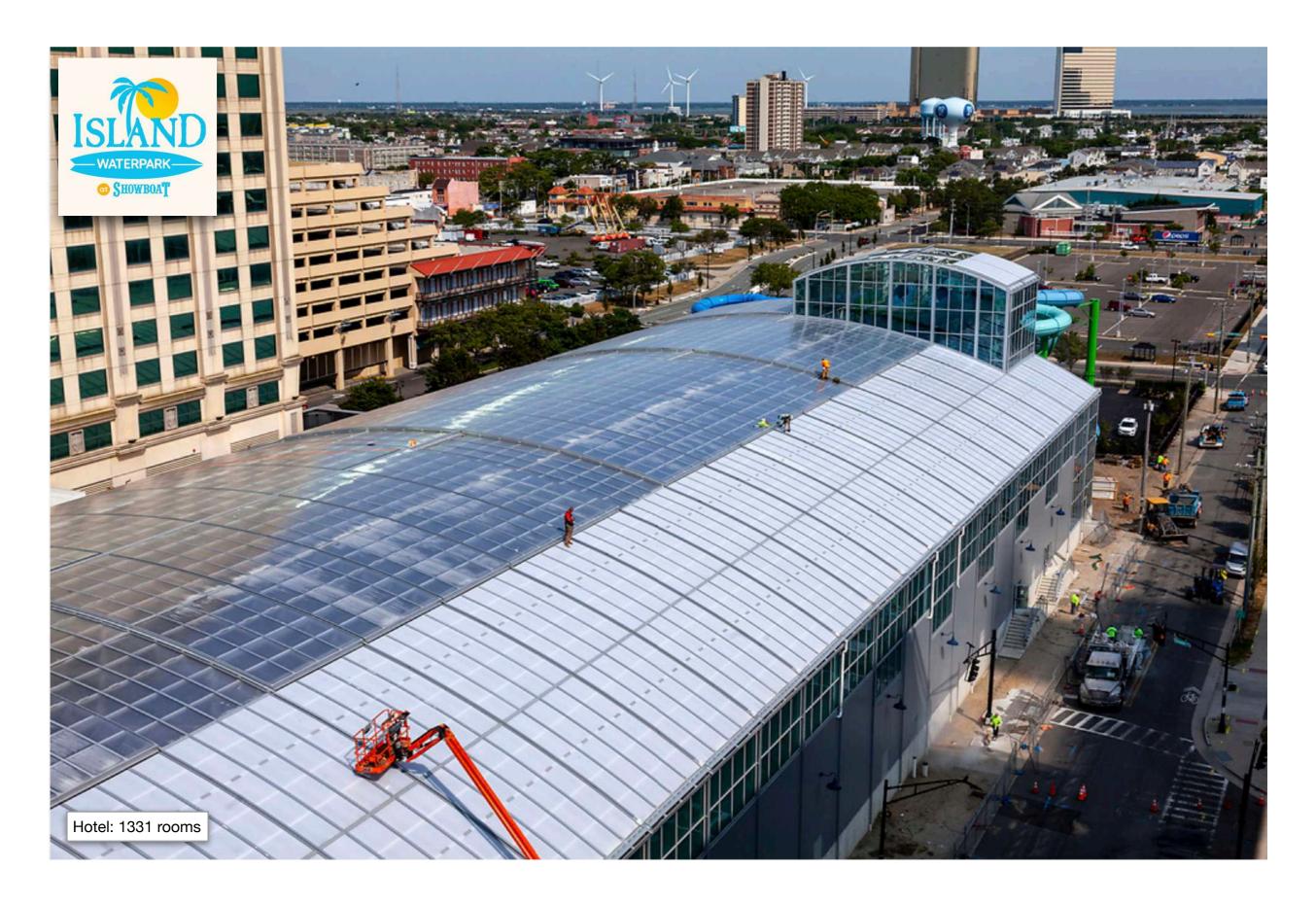


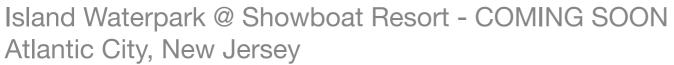
- Watiki Waterpark Rapid City, SD
 - 30,000 sf
- Water-Zoo Waterpark, Clinton, OK
 - 30,000 sf
- · Pump House Waterpark, Jay Peak, VT
 - 50,000 sf
- · Aquapark Terminal, Kiev, Ukraine
 - 220,000 sf
- Silverleaf at the Villages, Tyler, TX
 - 19,000 sf
- South Dakota, Rapid City, SD
 - 8,100 sf
- Americana Waterpark, Niagara Falls, ON
 - 25,000 sf
- · Epic Waters, Grand Prairie, TX
 - 62,000 sf
- Kalahari Poconos, Pocono Mountains, PN
 - 220,000 sf
- Pirates Cay Waterpark (Fox River), Sheridan, IL
 - 19,000 sf
- Cape Codder Waterpark, Hyannis, MA
 - 30,000 sf

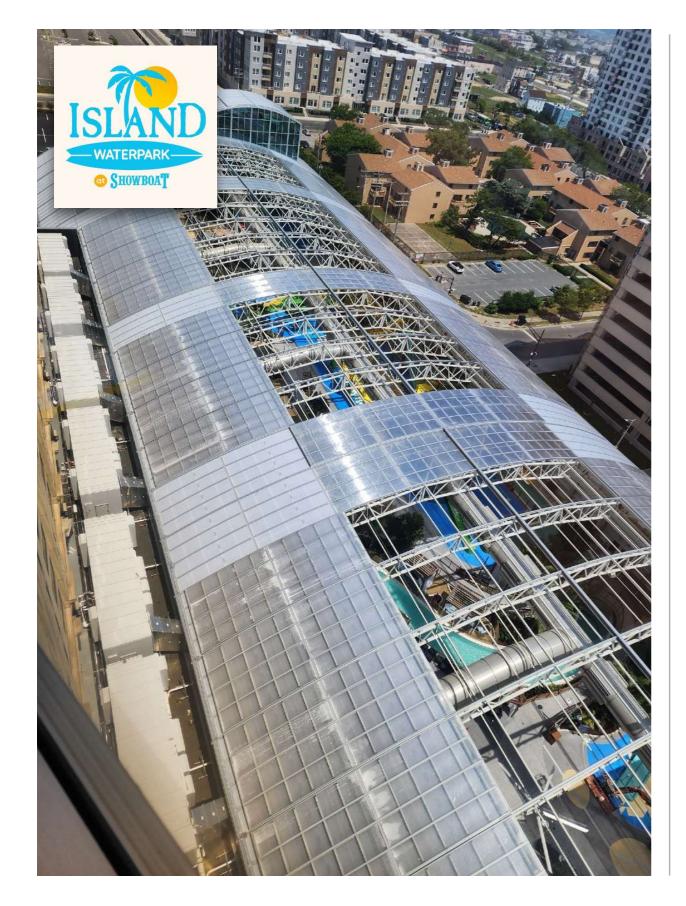
- · Zehnders, Frankenmuth, MI
 - 50,000 sf
- Big Splash, French Lick, IN
 - 40,000 sf
- Aqua Sferra, Donetsk, Ukraine
 - 70,000 sf
- Tropicana Waterpark, Stadthagen, Germany
 - 70,000 sf
- The Cove at Lakefront, Little Elm, Texas
 - 40,000 sf
- OWA Waterpark, Foley, Alabama
 - 65,000 sf
- Island Waterpark @ Showboat Atlantic City, NJ
 - 100,000 sf
- Turtle Island Waterpark Belcourt ND
 - 20,000 sf
- North Segment Community Center New Town ND
 - 13,000 sf





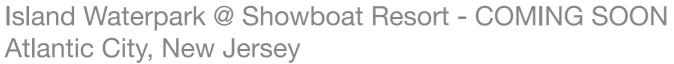




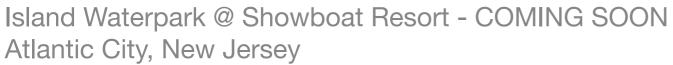


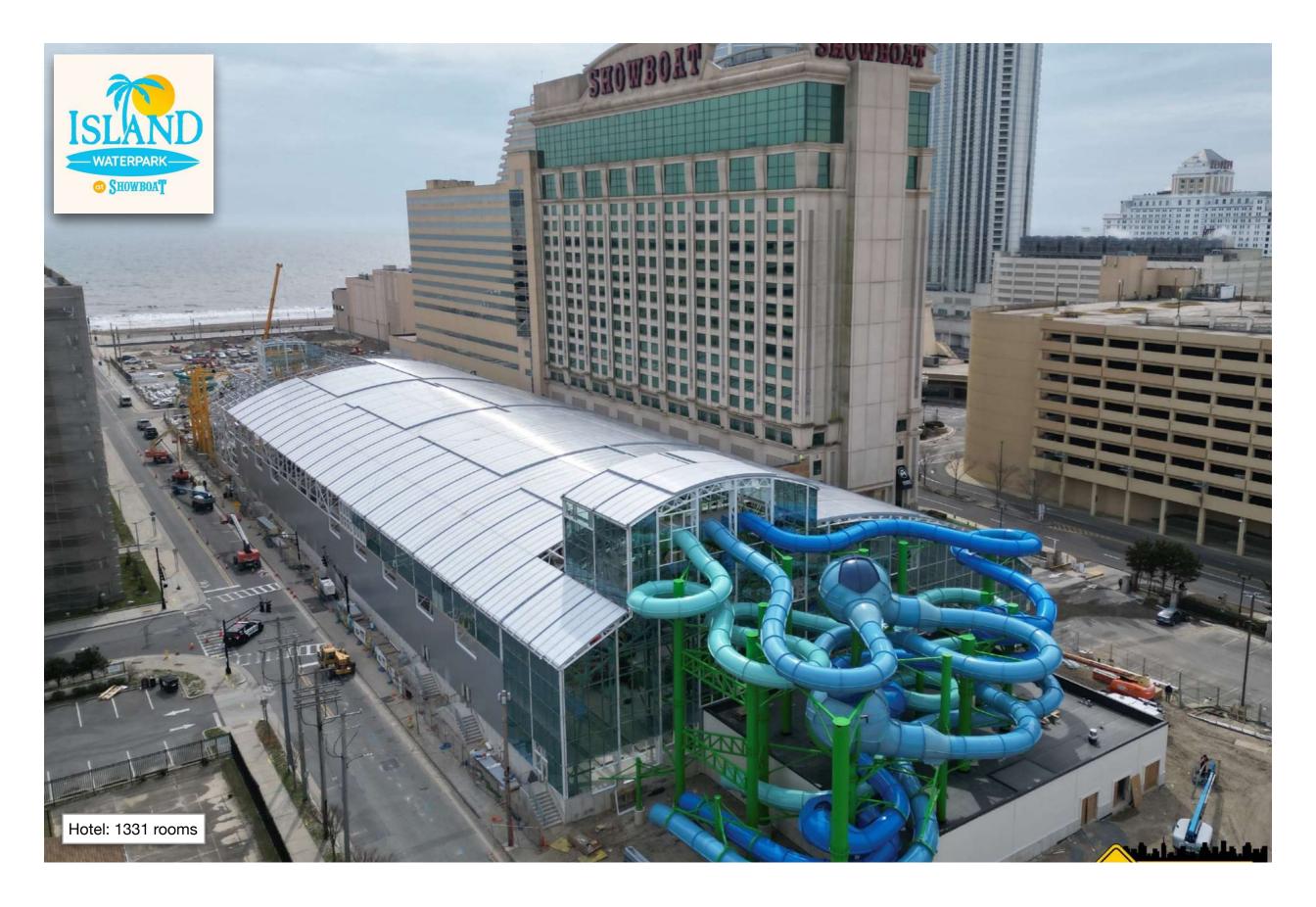


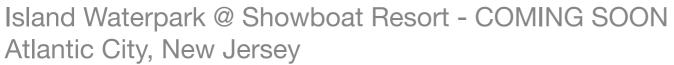


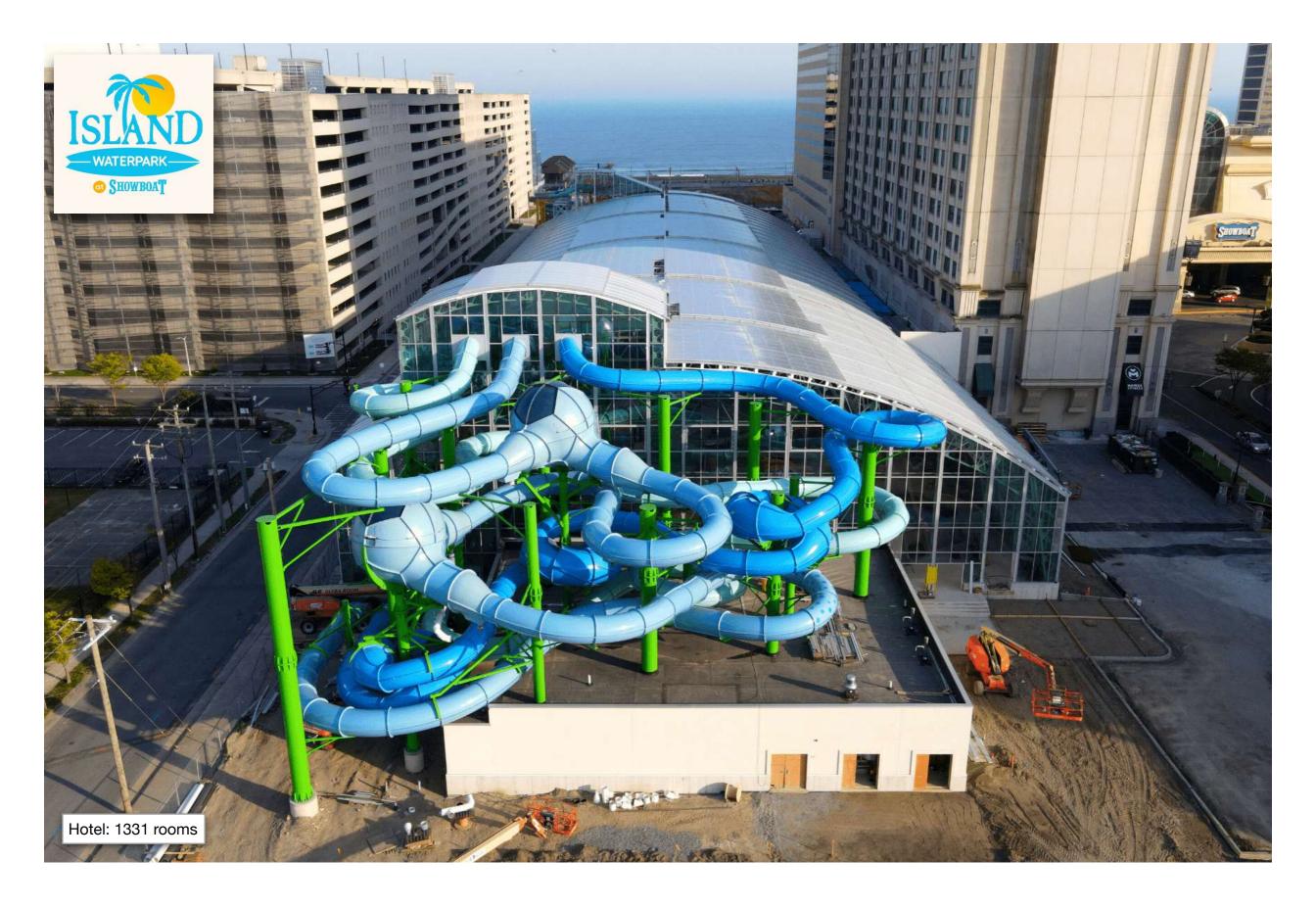


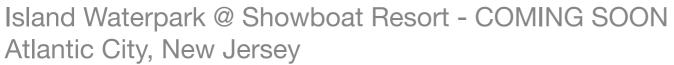








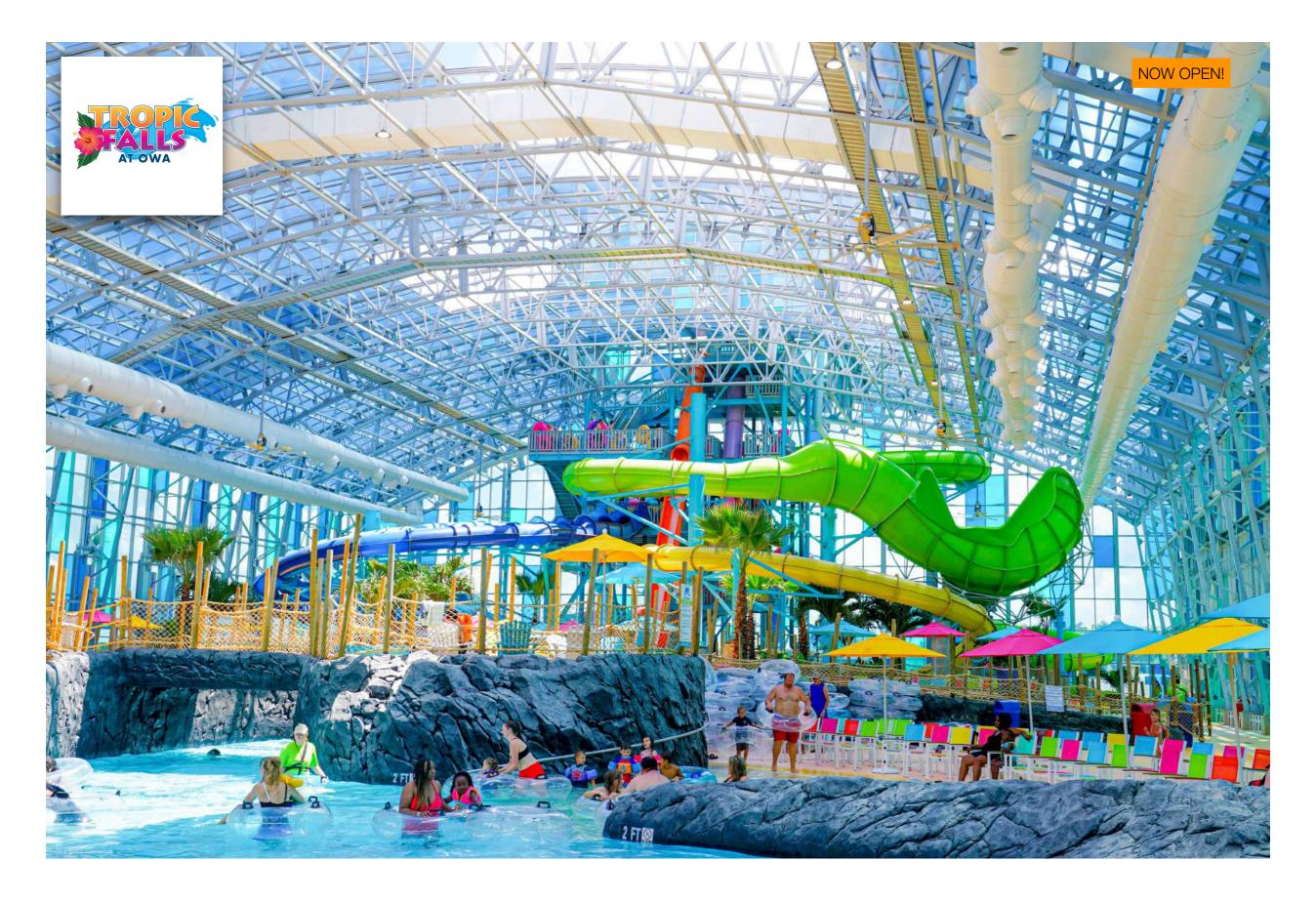




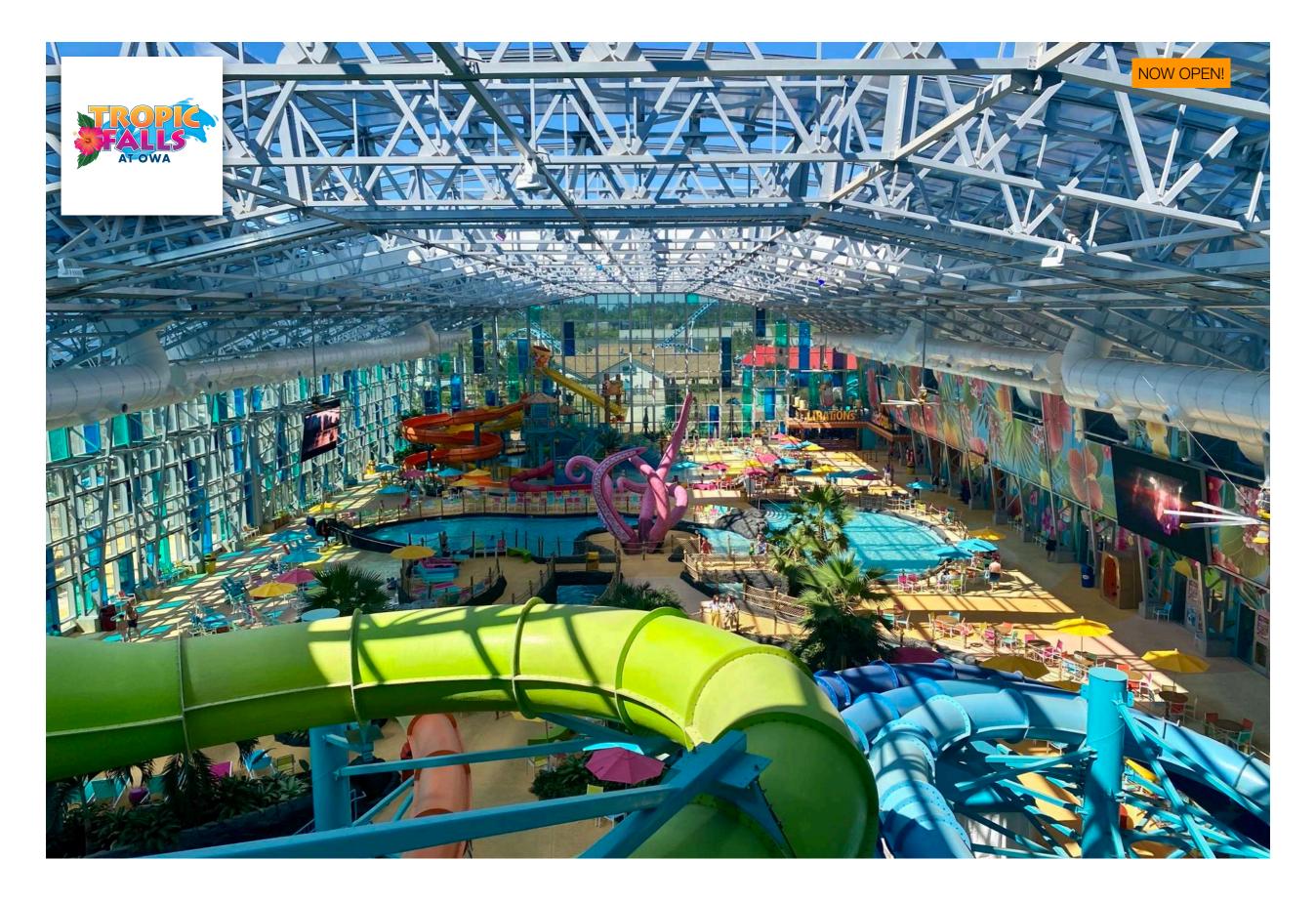




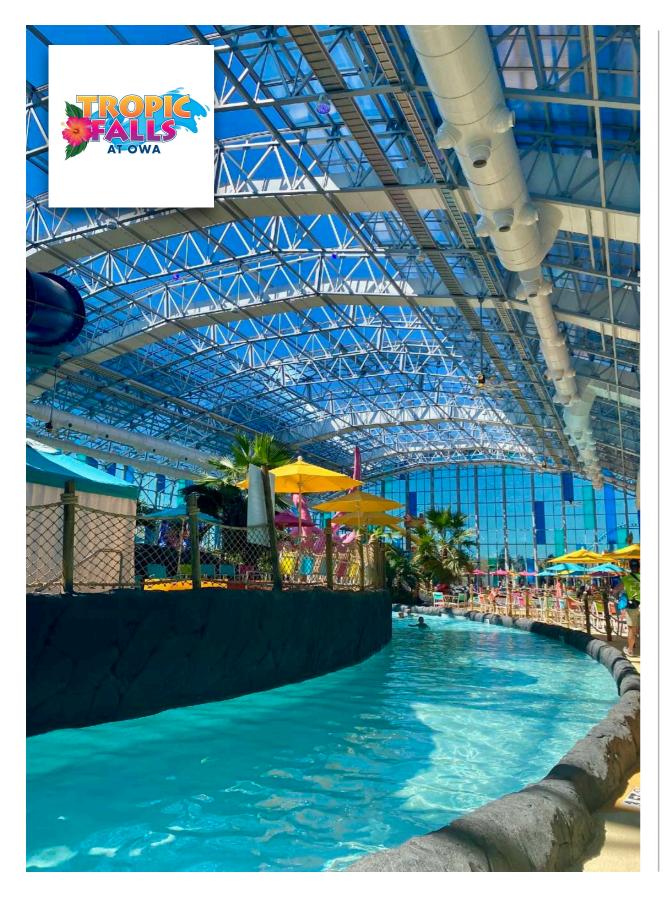
Tropic Falls Waterpark at OWA Foley Alabama

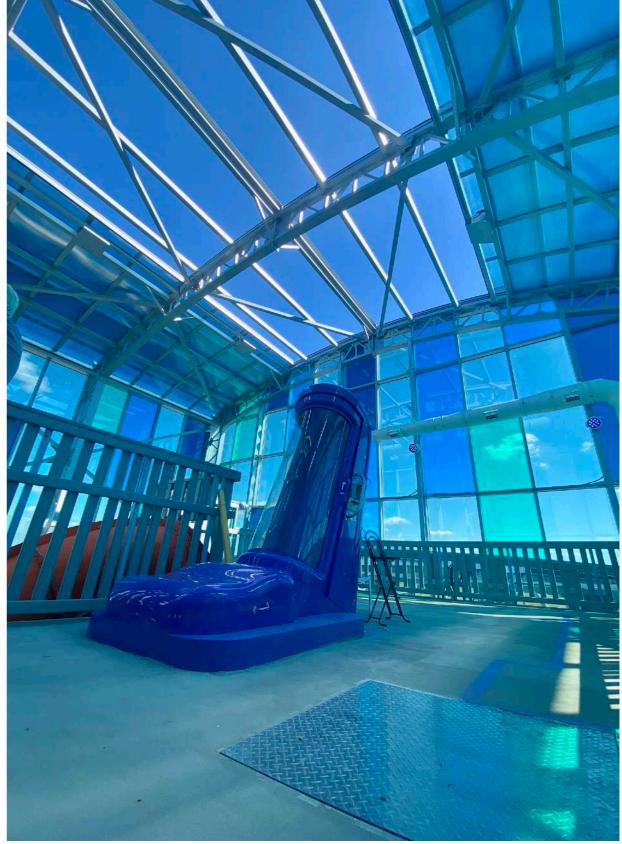


Tropic Falls Waterpark at OWA Foley Alabama

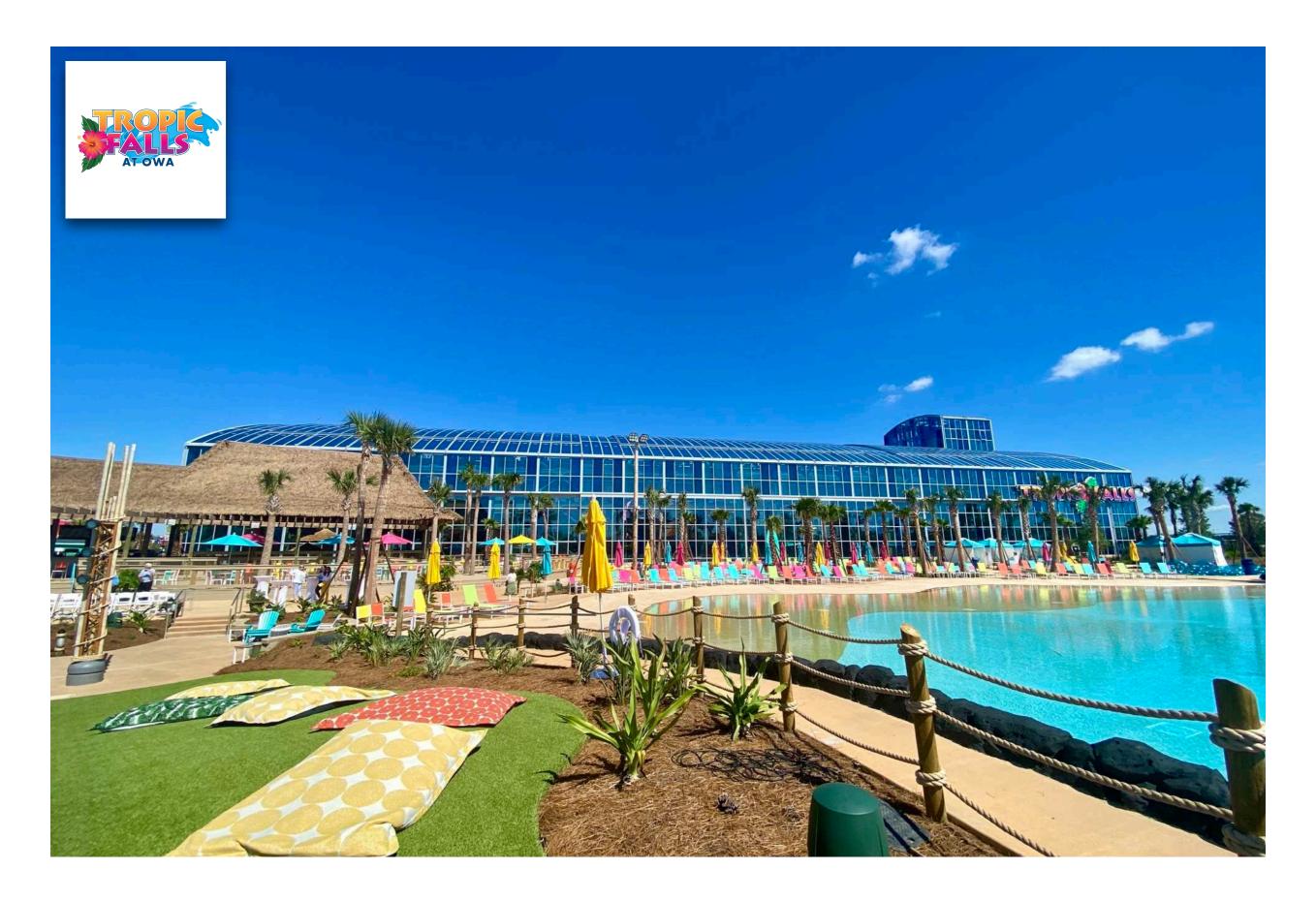


Tropic Falls Waterpark at OWA Foley Alabama

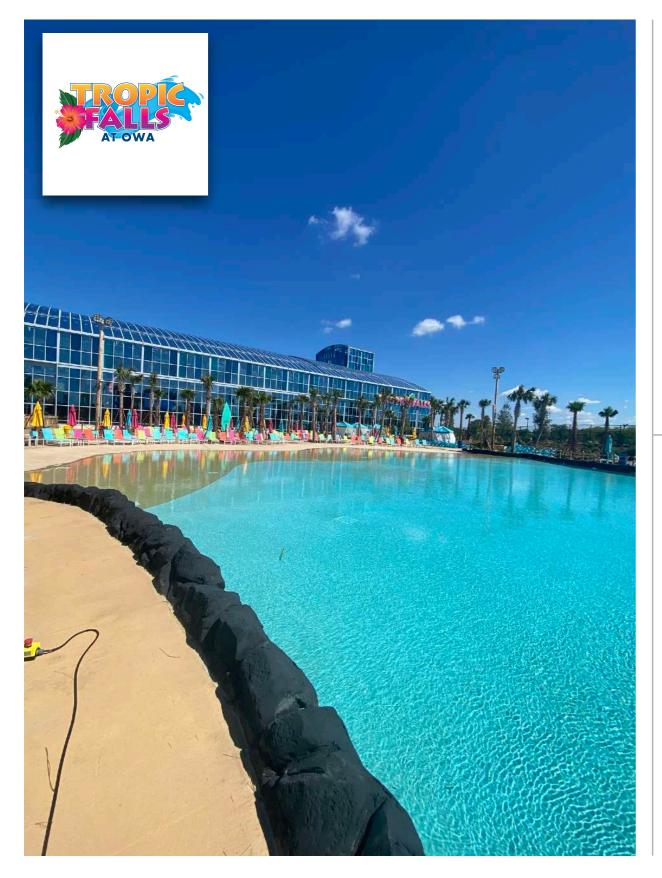




Tropic Falls Waterpark at OWA Foley Alabama



Tropic Falls Waterpark at OWA Foley Alabama

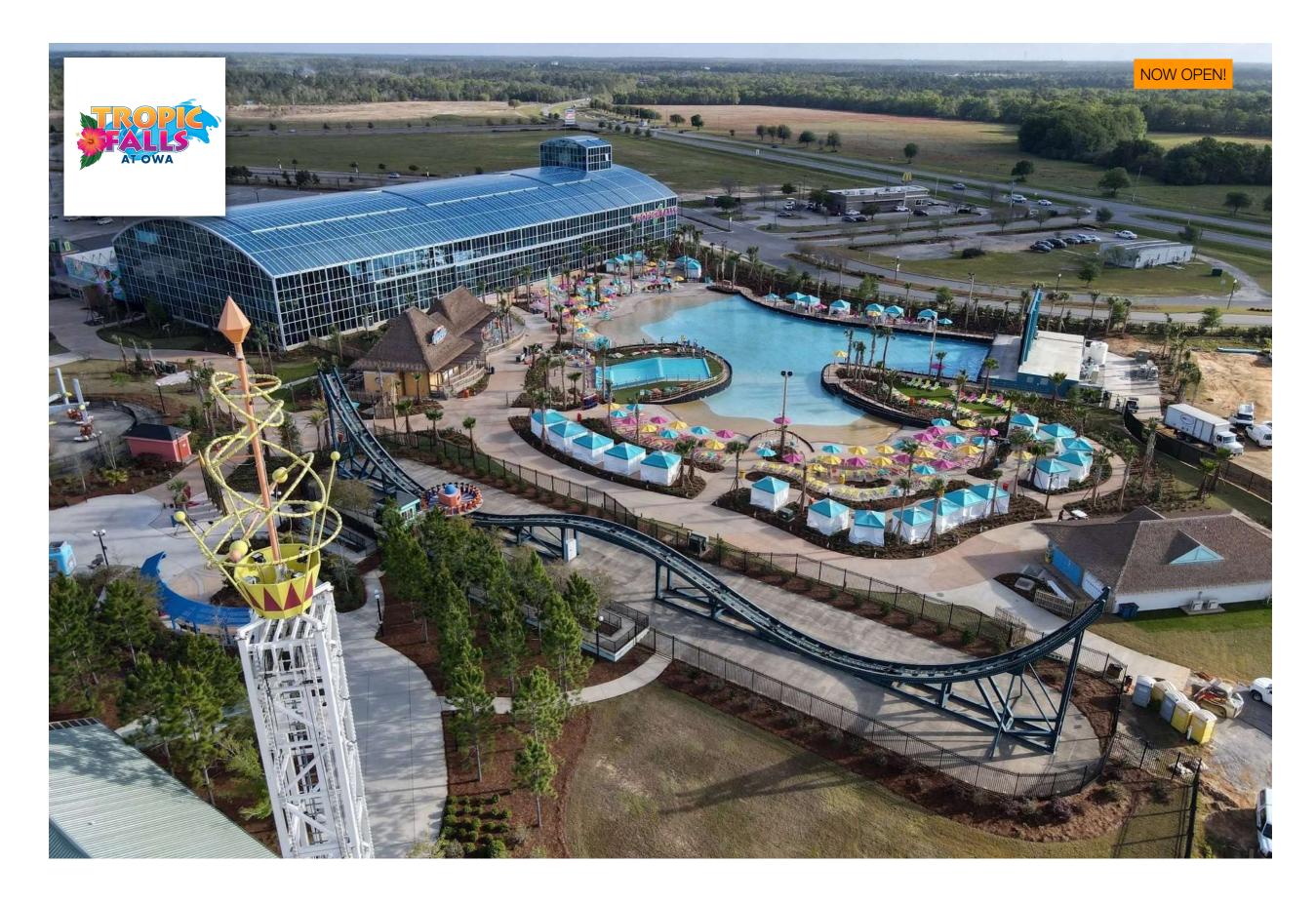






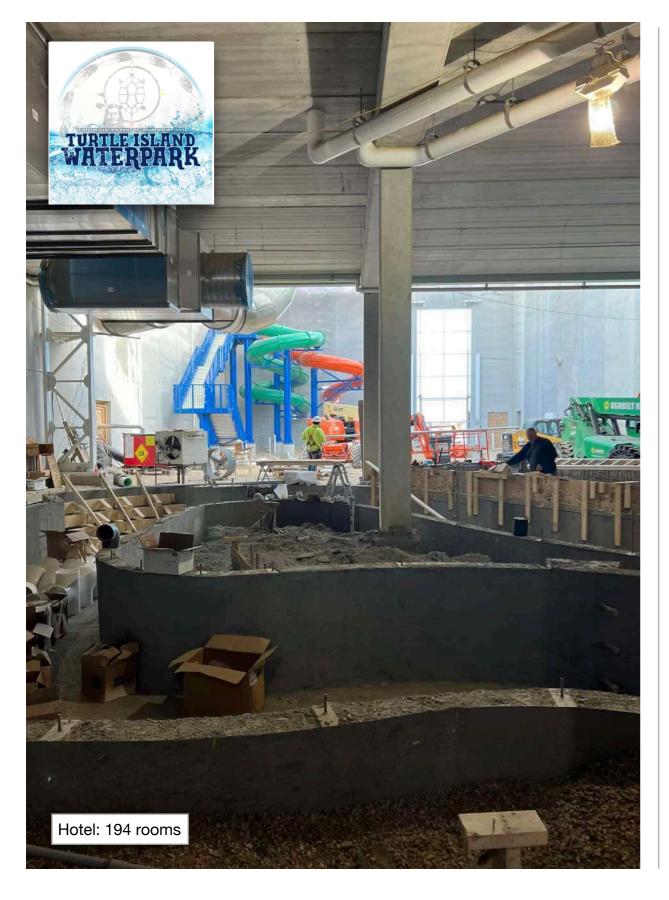
Tropic Falls Waterpark at OWA Foley Alabama





Tropic Falls Waterpark at OWA Foley Alabama

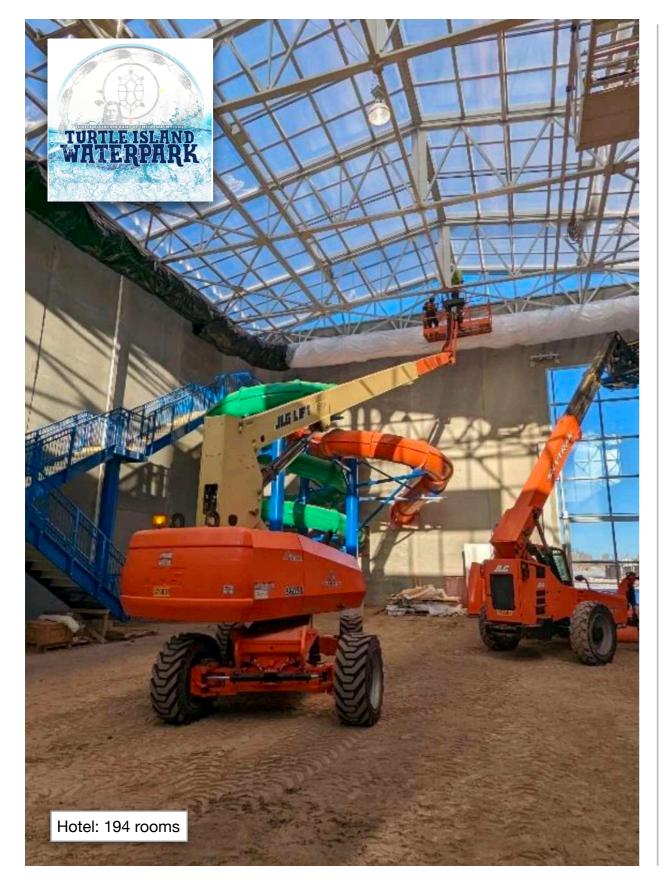


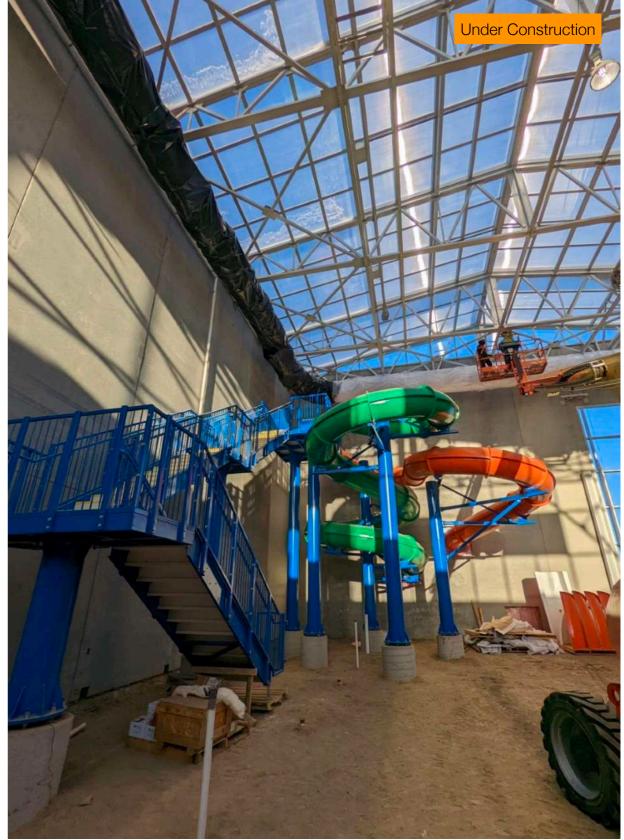




Turtle Island Waterpark @ Sky Dancer Casino For the Turtle Mountain Band of Chippewa Indians, Belcourt, ND







Turtle Island Waterpark @ Sky Dancer Casino For the Turtle Mountain Band of Chippewa Indians, Belcourt, ND



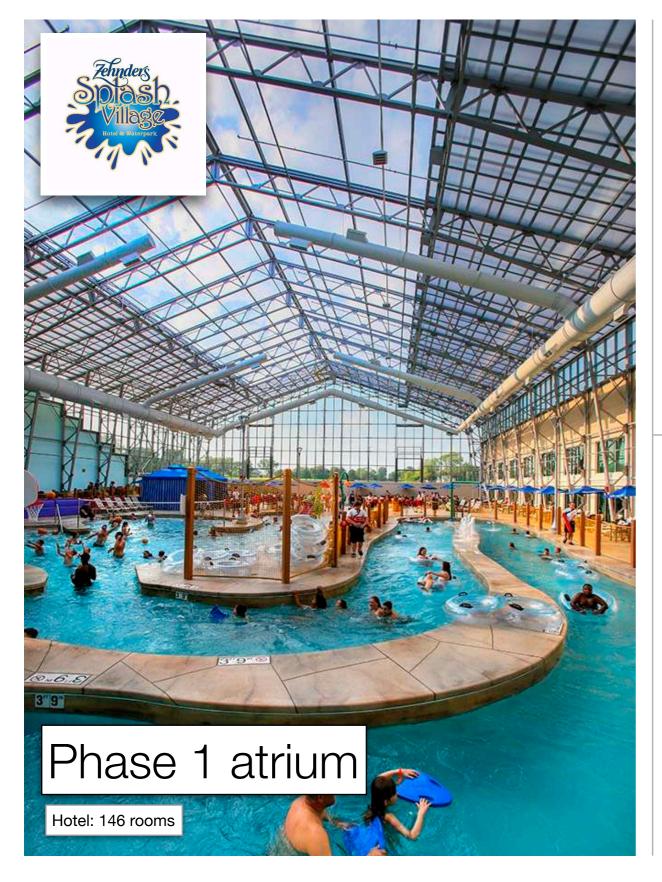


OpenAire continues to work with Zehnder's ownership to renovate their facility.

2014- In Phase 1 a 30,000sf Atrium was added to the resort.

2020 - In Phase 2a+b the roof and walls were ripped off and replaced with a NEW retractable roof and operable walls

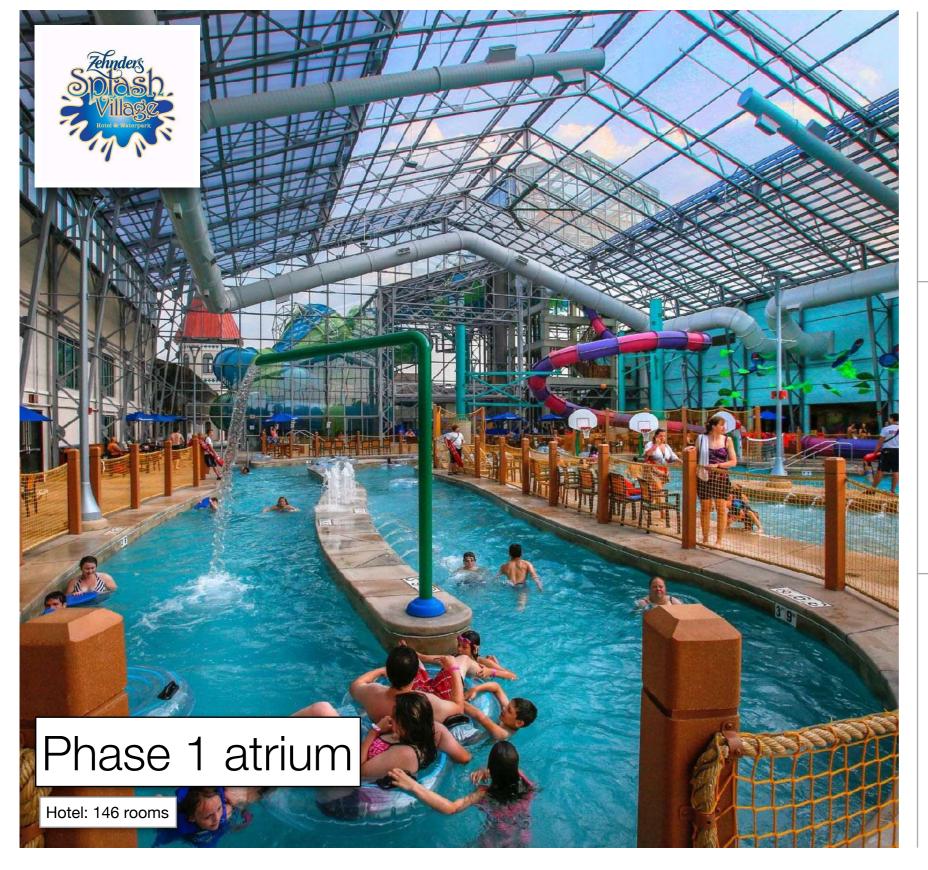








Zehnder's Splash Village Waterpark Frankenmuth, MI

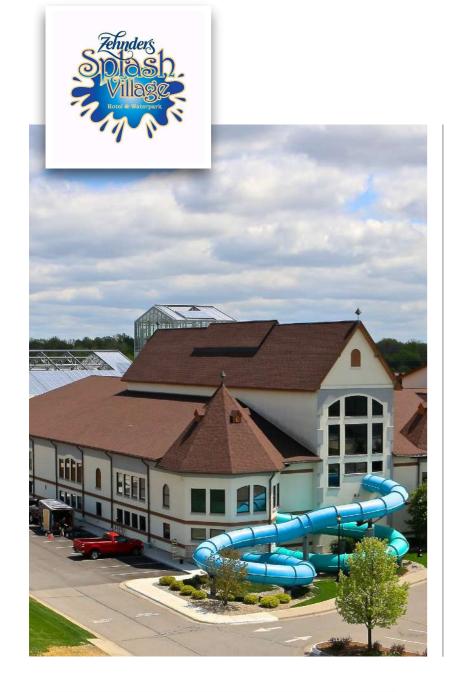




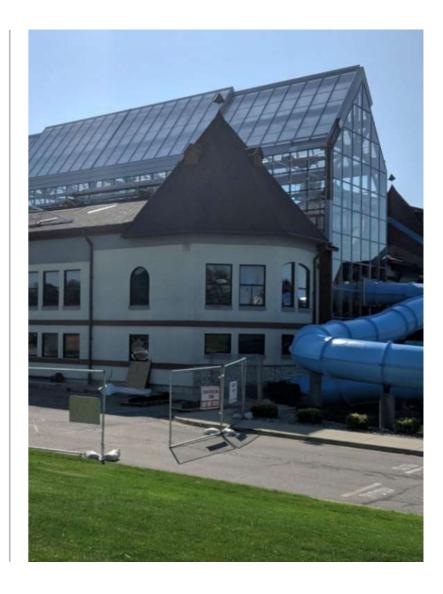










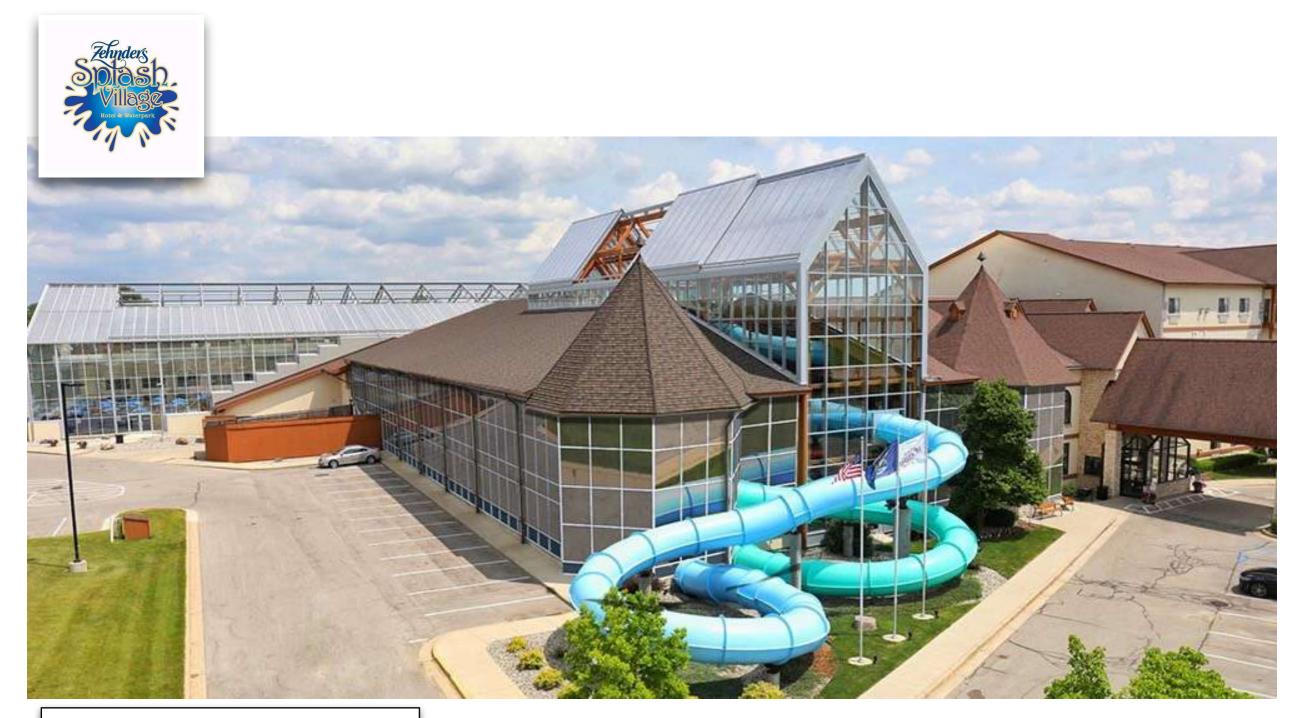


Phase 2a ROOF

Hotel: 146 rooms







Phase 2b WALLS

Hotel: 146 rooms







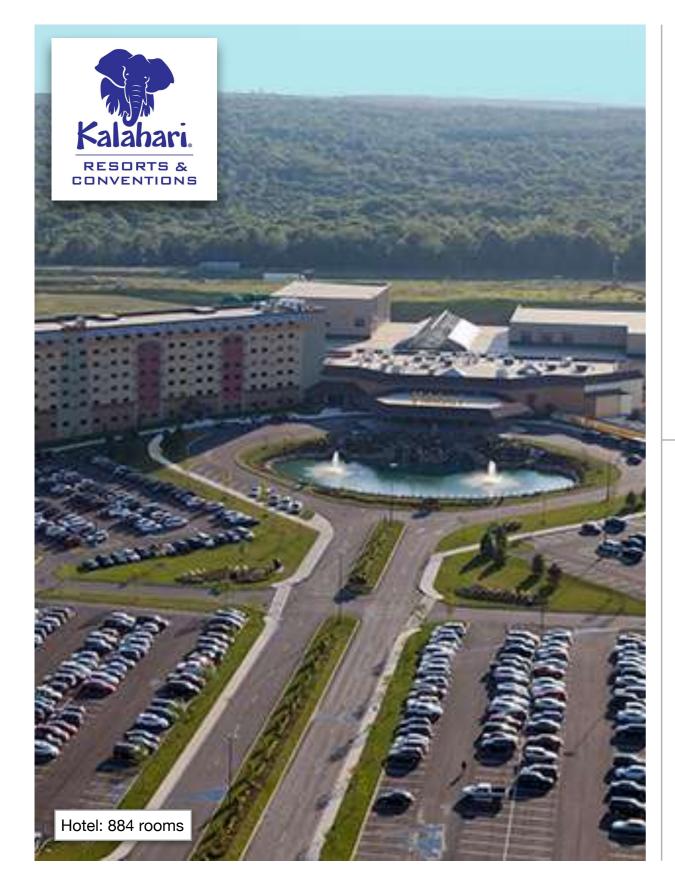


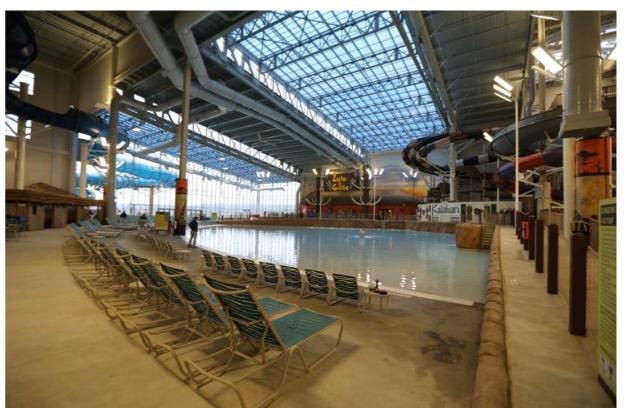




#1 of TOP 10



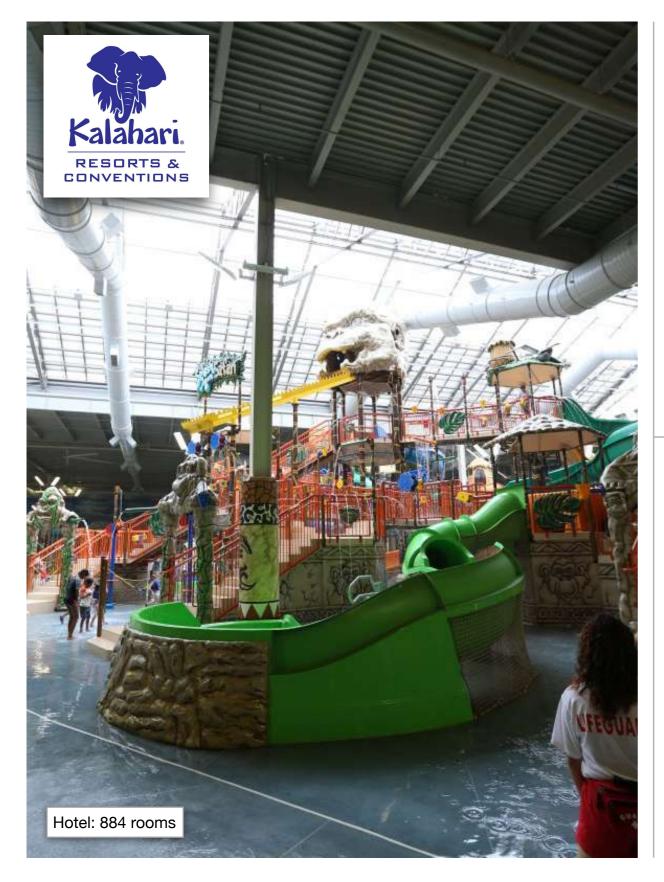






Kalahari Resort Poconos, Biggest Indoor Waterpark in the USA Pocono Mountains, Pennsylvania

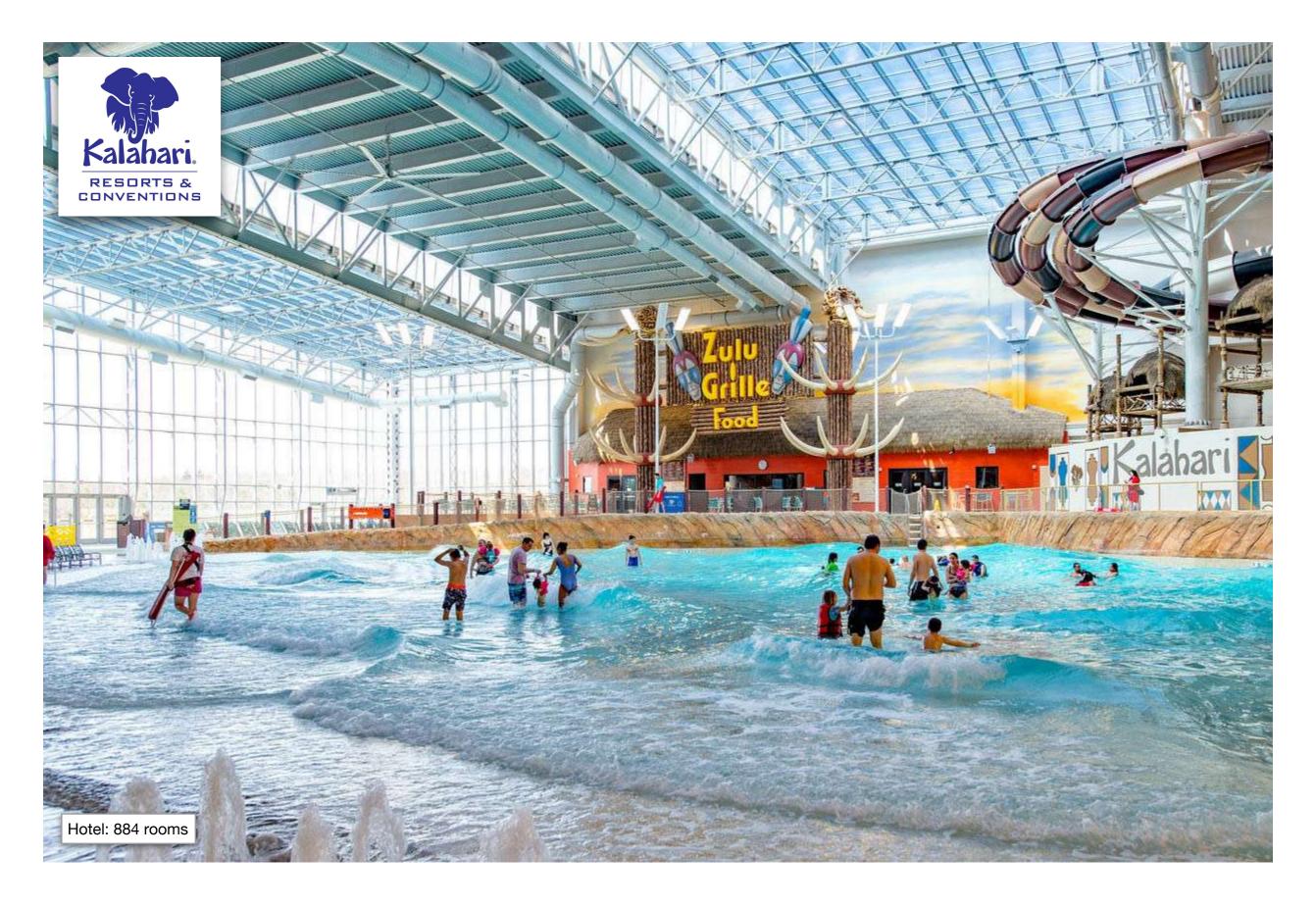


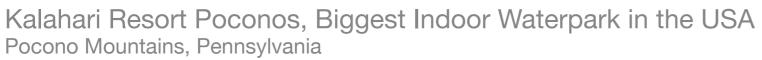




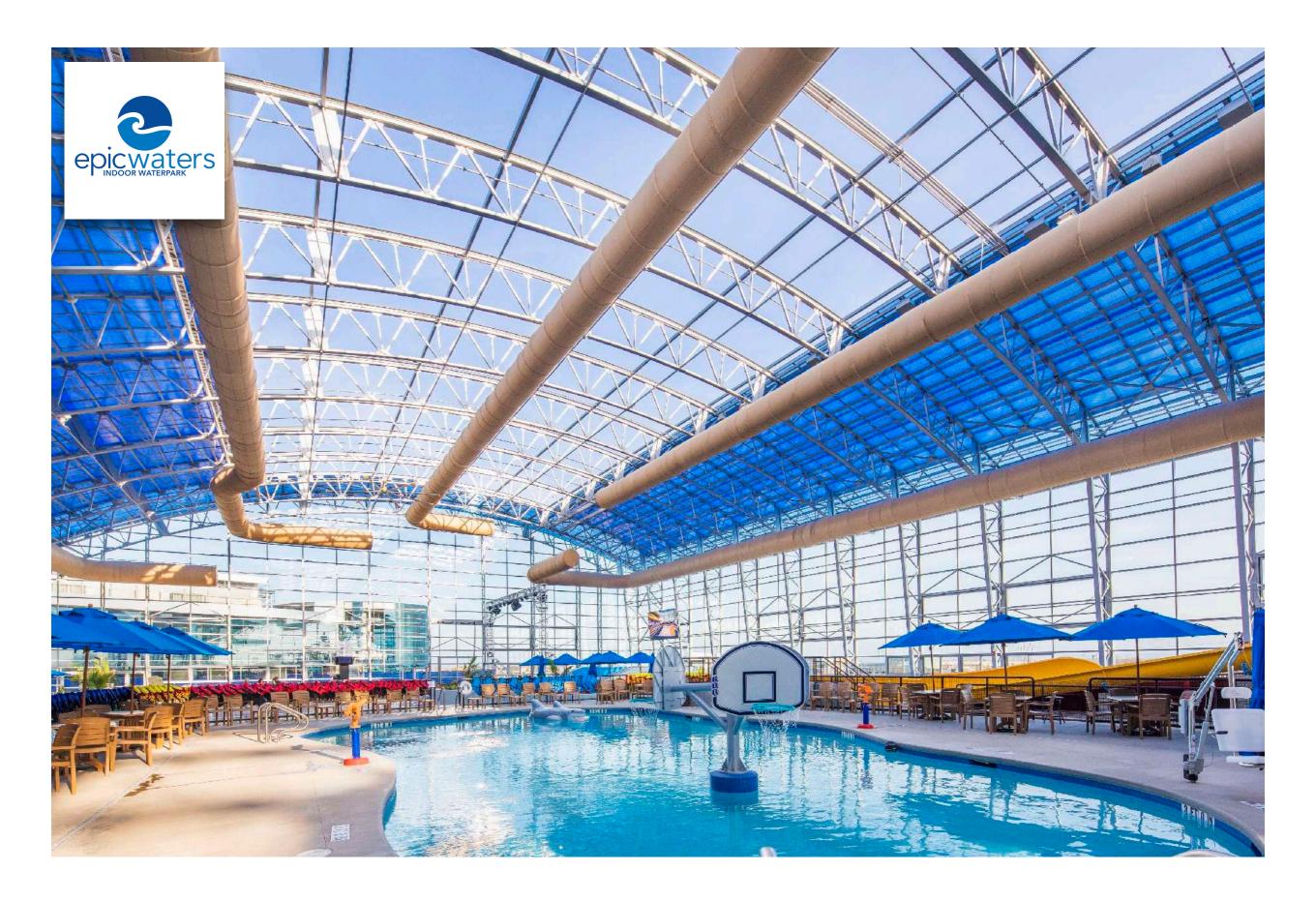


Kalahari Resort Poconos, Biggest Indoor Waterpark in the USA Pocono Mountains, Pennsylvania









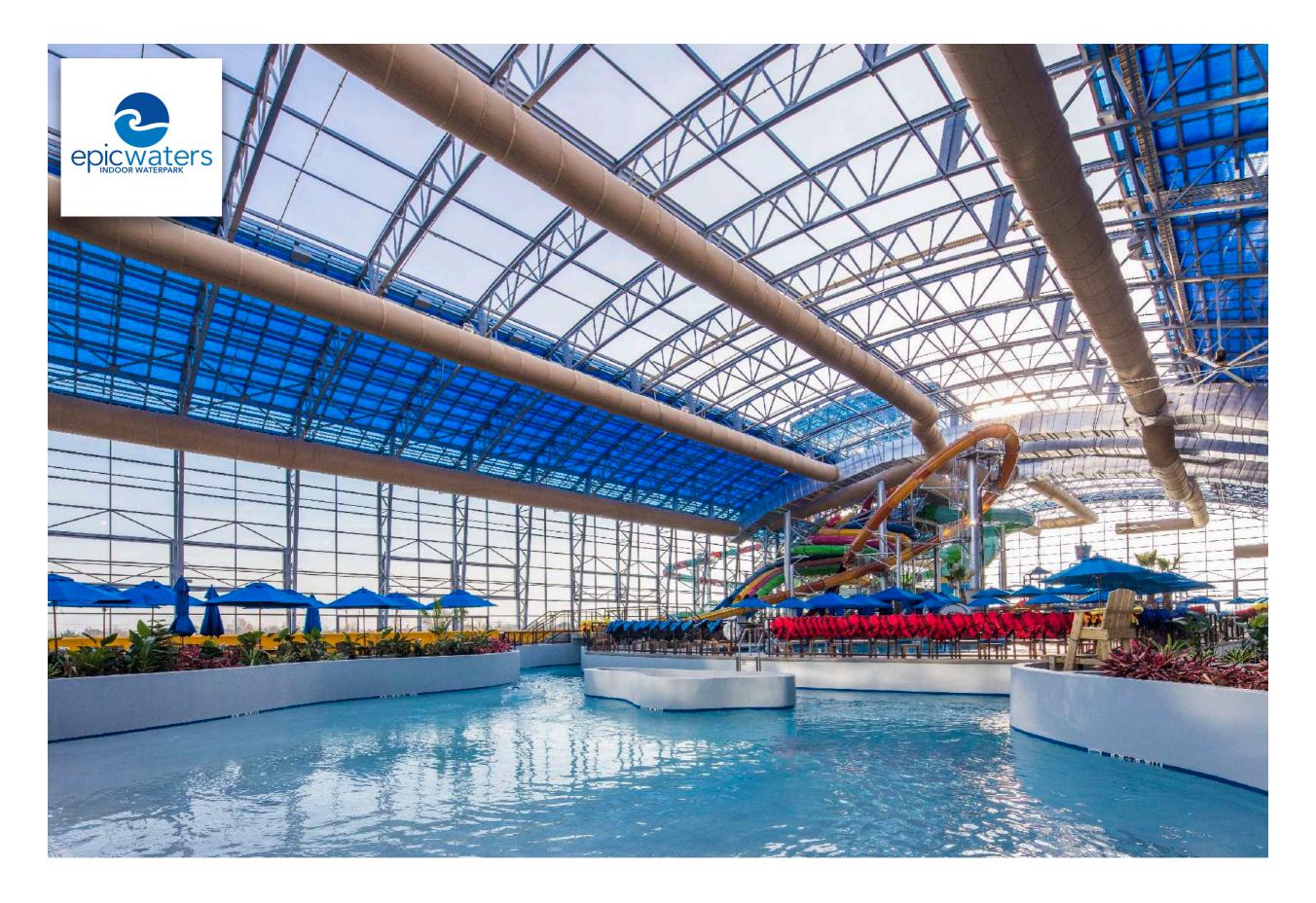








Epic Waters Grand Prairie, Texas

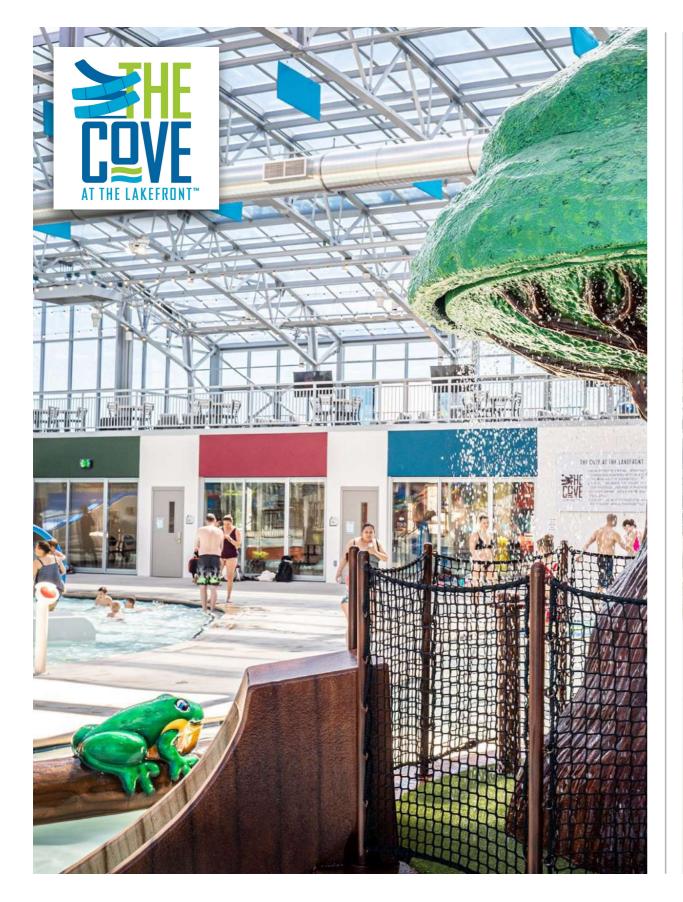






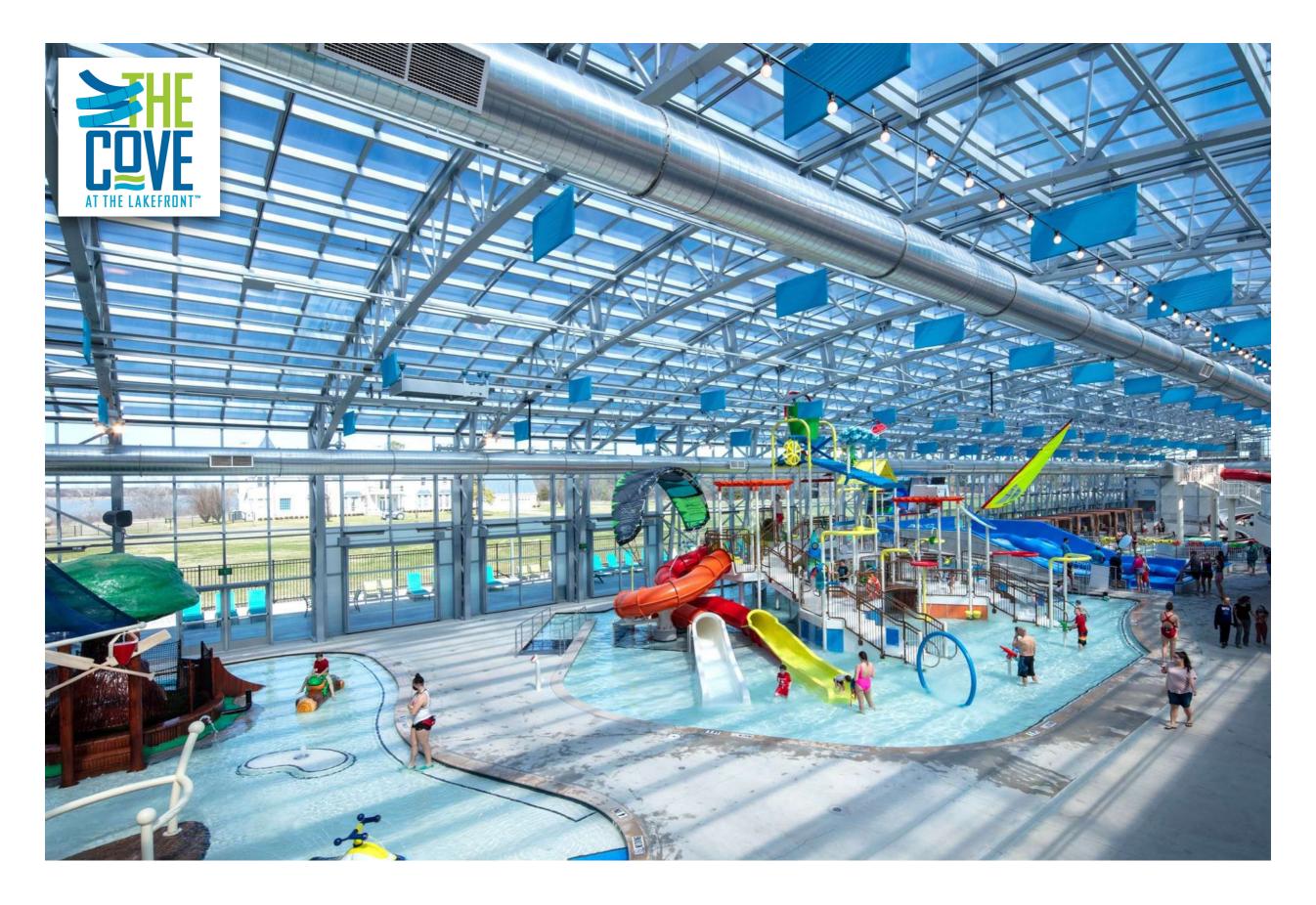




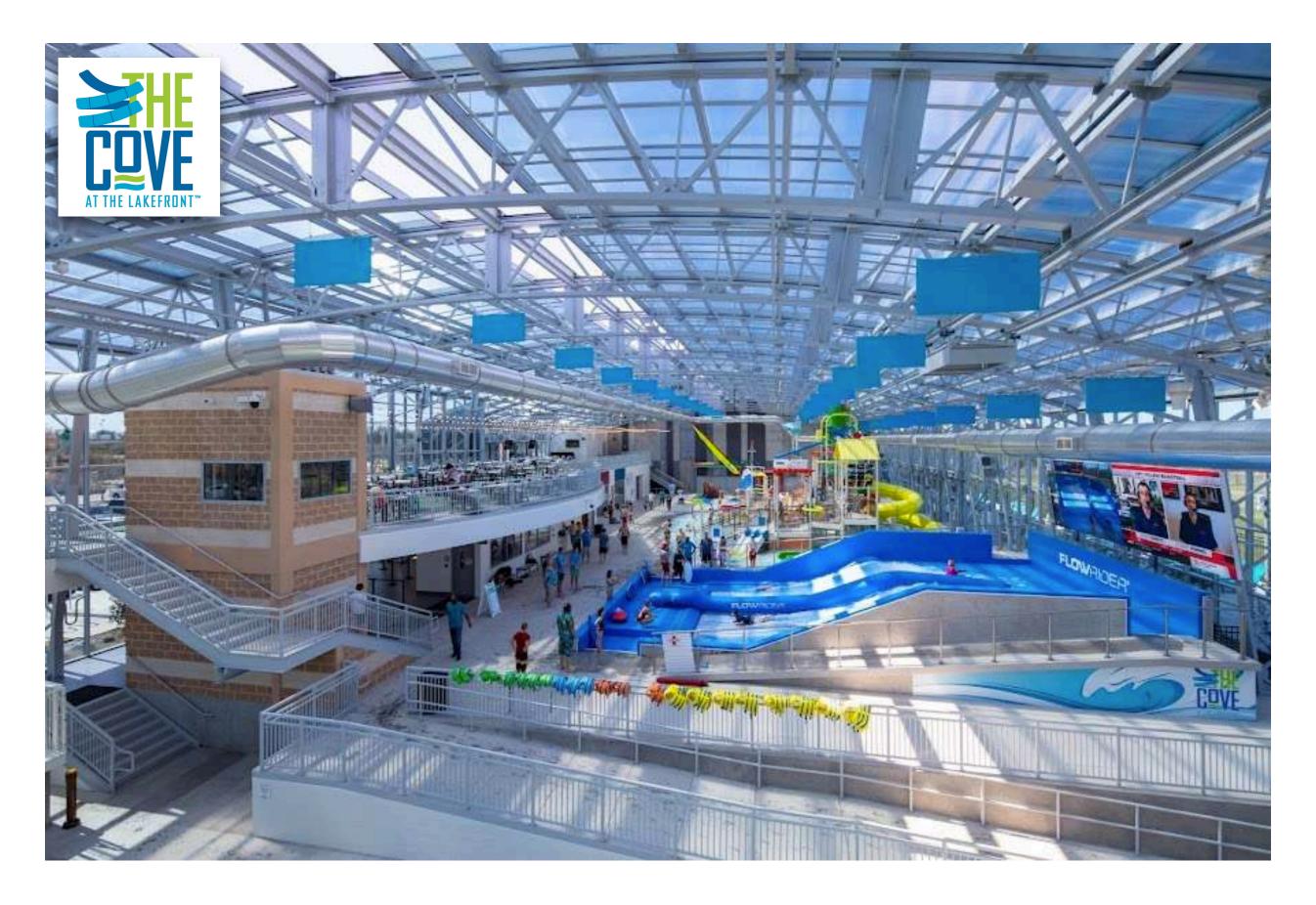




The Cove at Lakefront, Little Elm Aquatic Center City of Little Elm, Texas



The Cove at Lakefront, Little Elm Aquatic Center City of Little Elm, Texas



The Cove at Lakefront, Little Elm Aquatic Center City of Little Elm, Texas







The Cove at Lakefront, Little Elm Aquatic Center City of Little Elm, Texas







The Cove at Lakefront, Little Elm Aquatic Center City of Little Elm, Texas

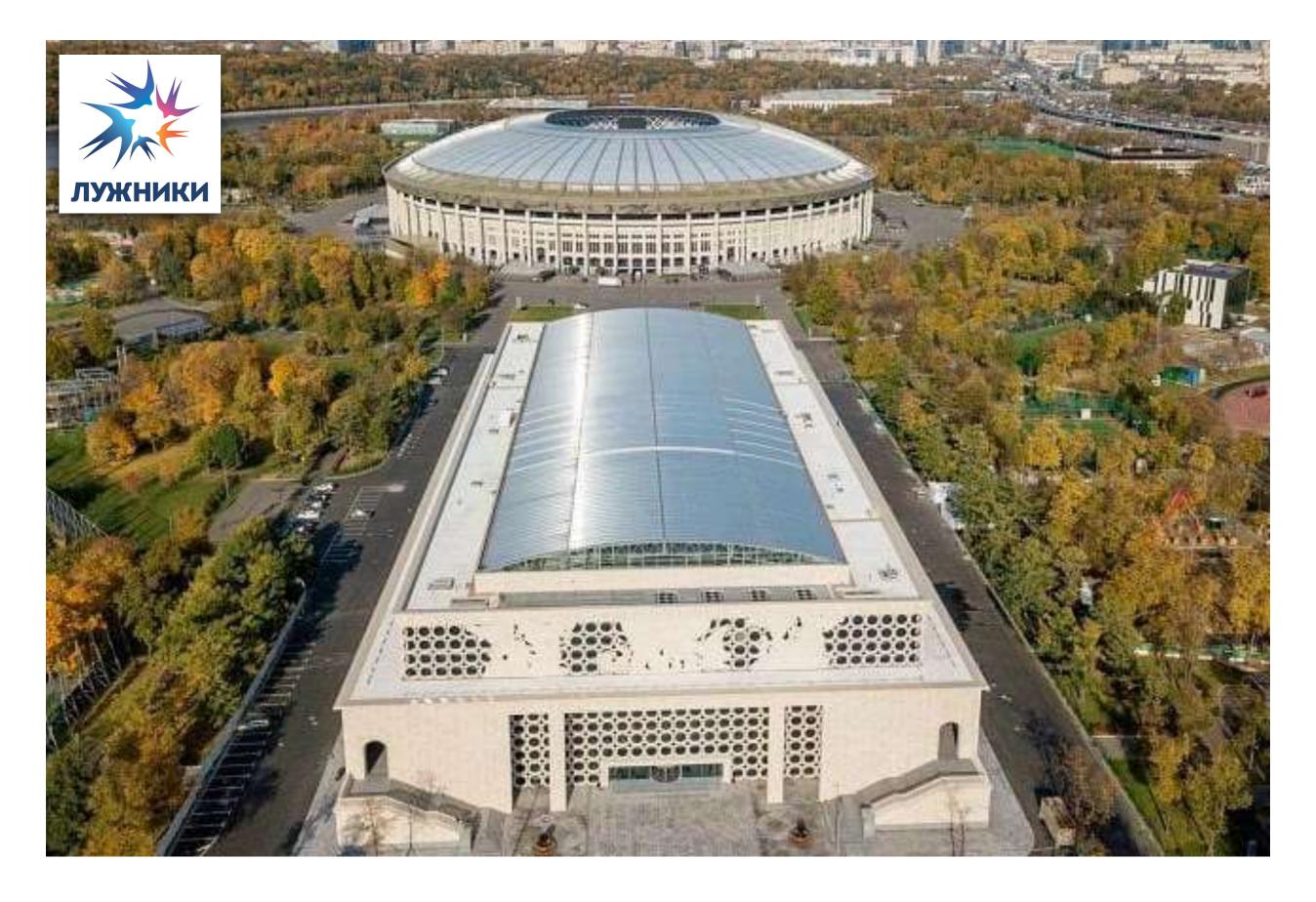


Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia





Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia



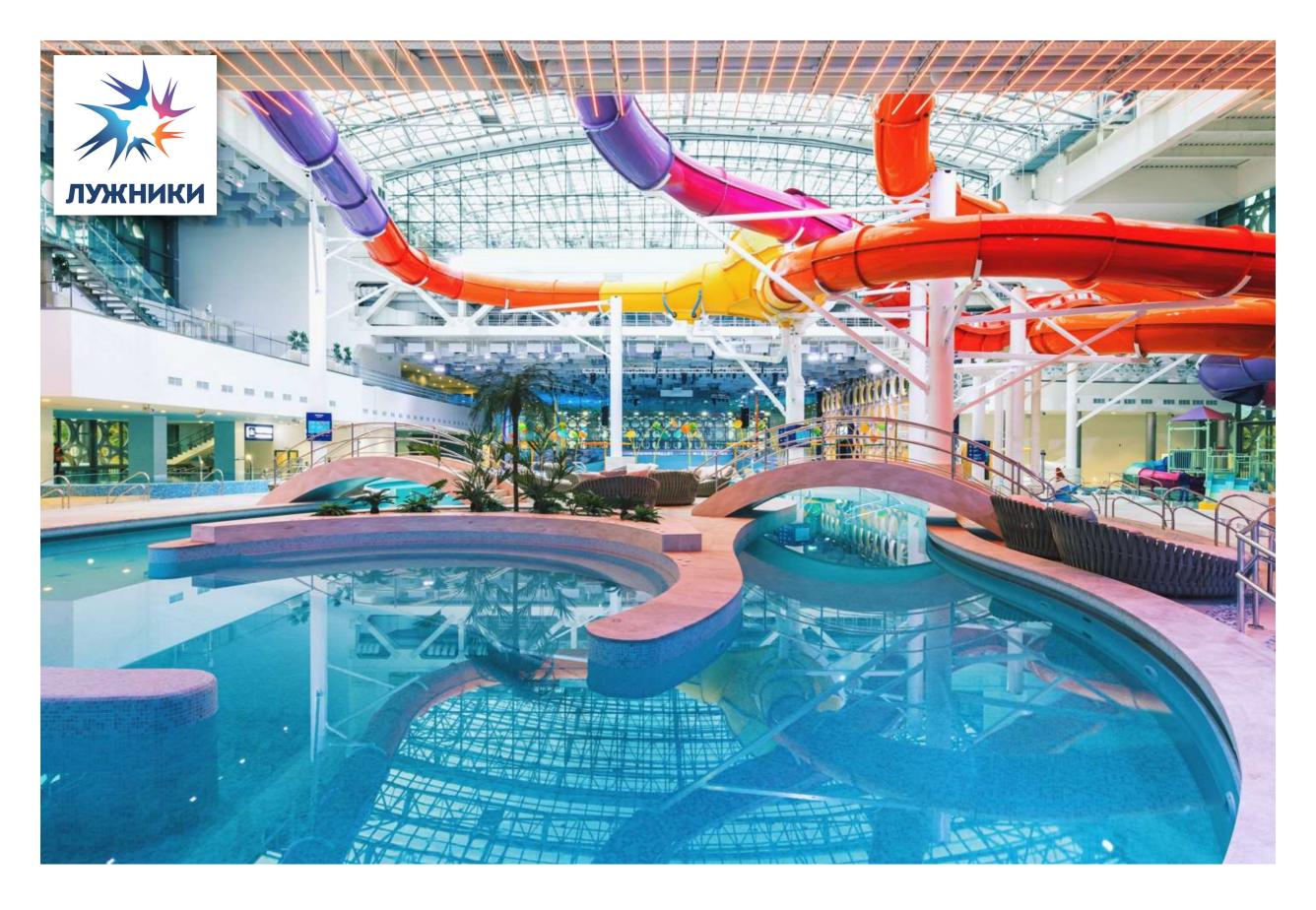
Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia



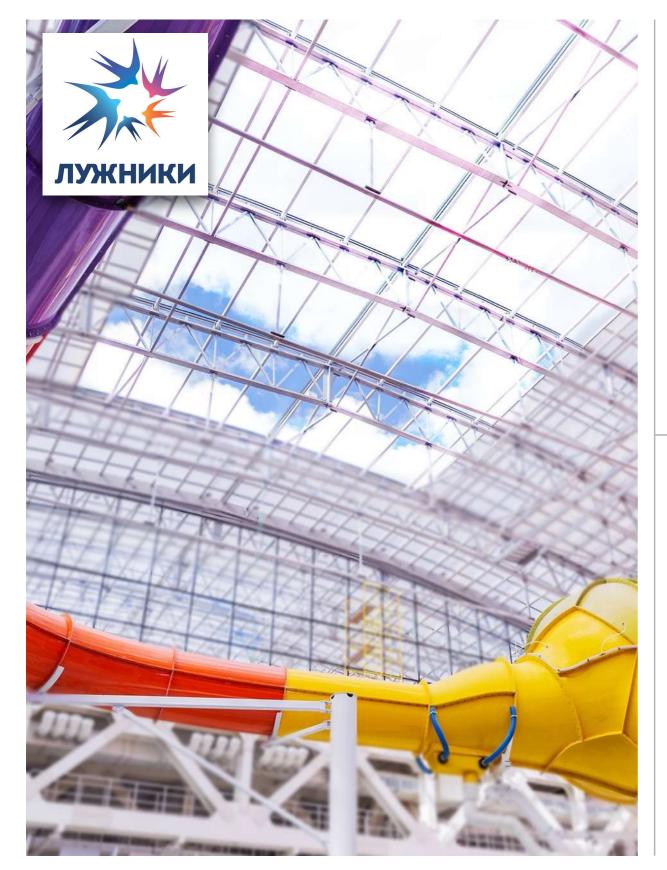




Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia



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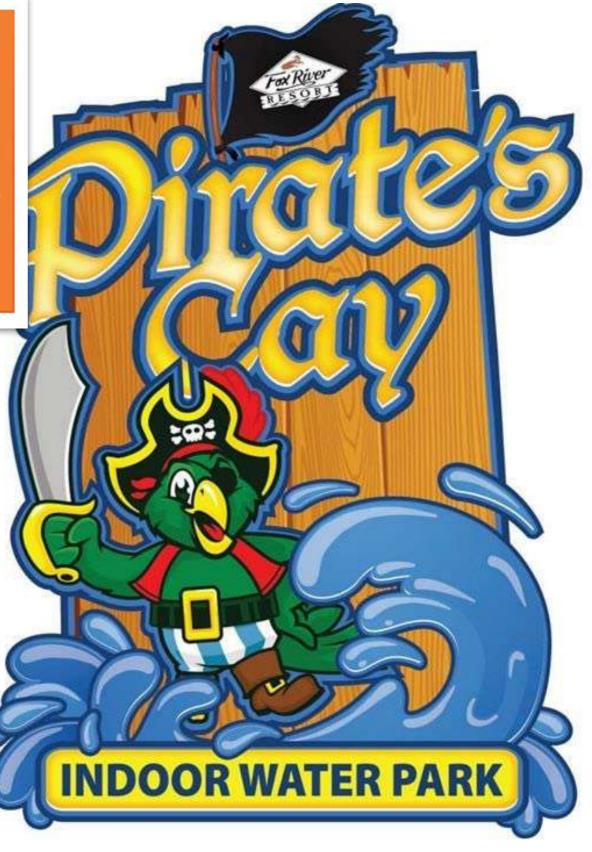


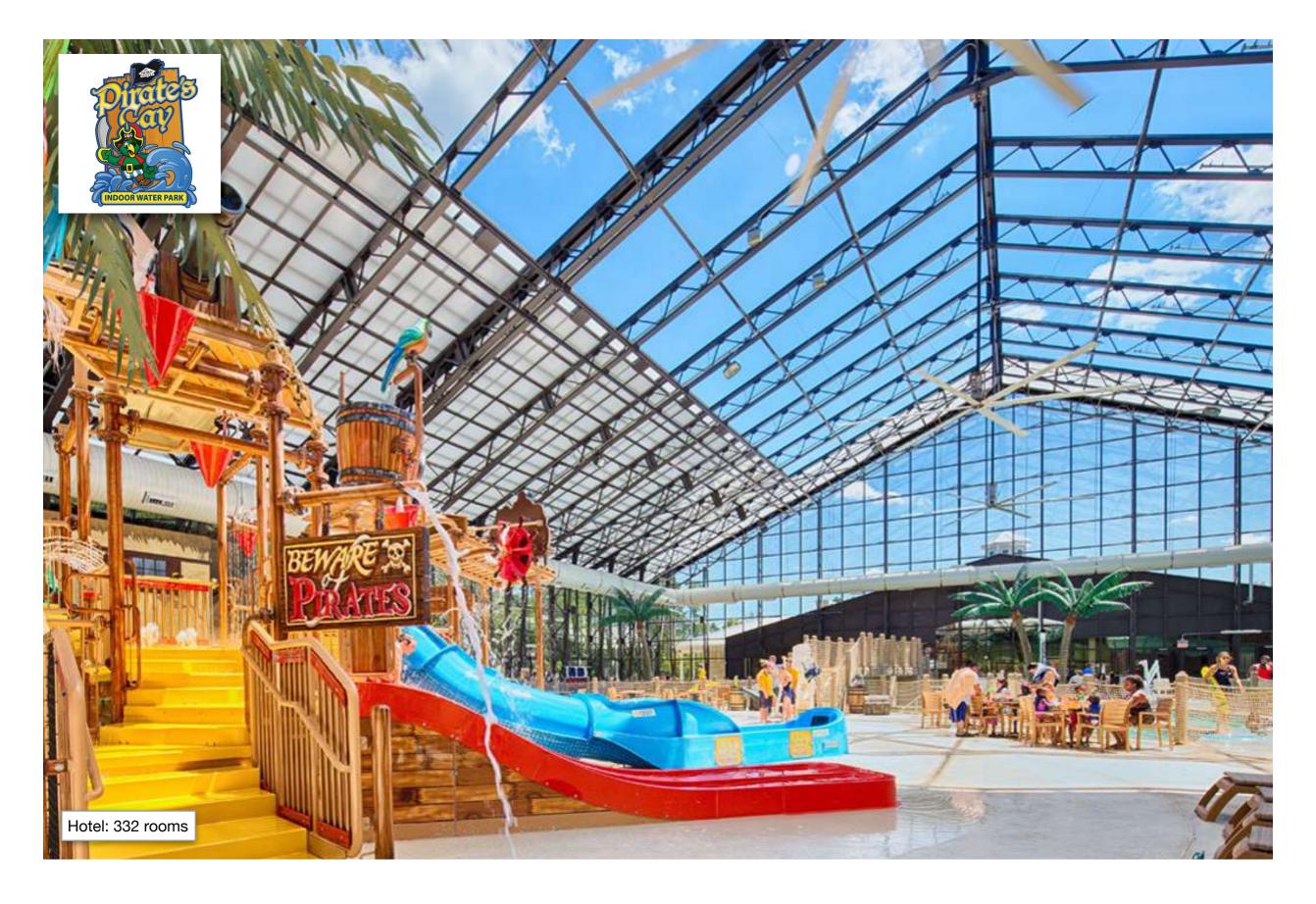


Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia



Holiday Inn Club Vacations





Pirates Cay Waterpark at Fox River Resort, Holiday Inn Club Sheridan, Illinois



Pirates Cay Waterpark at Fox River Resort, Holiday Inn Club Sheridan, Illinois







Pirates Cay Waterpark at Fox River Resort Sheridan, Illinois

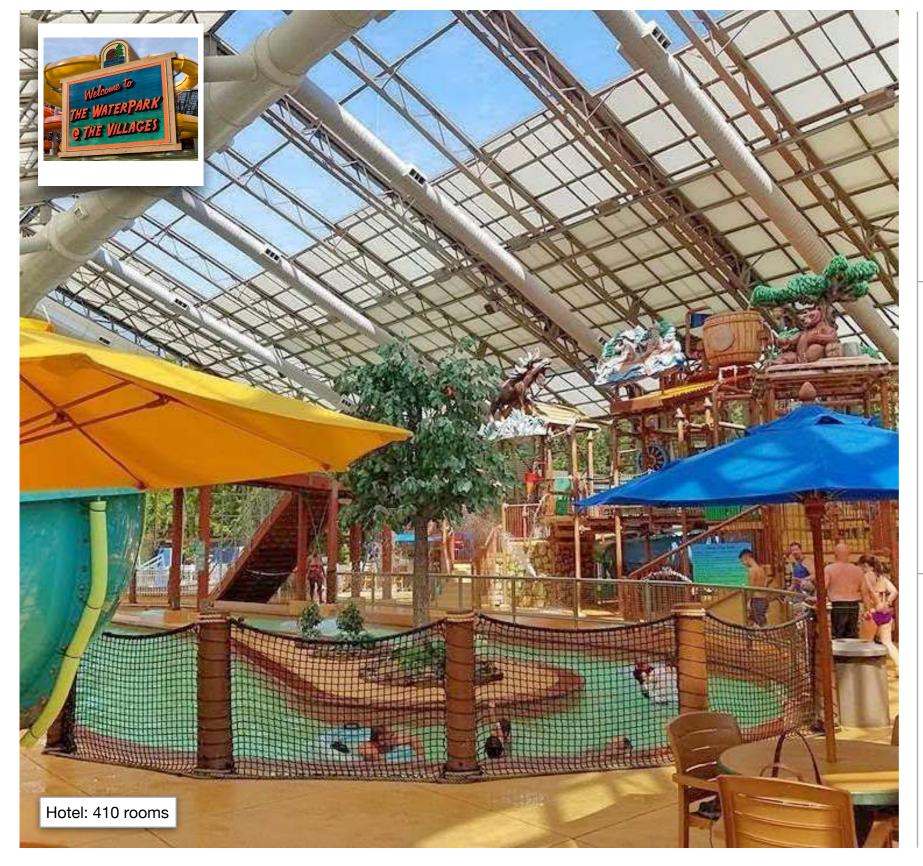


Holiday Inn Club Vacations





The Waterpark at the Villages, Silverleaf Resort Holiday Inn Vacation Club Flint, Texas, USA



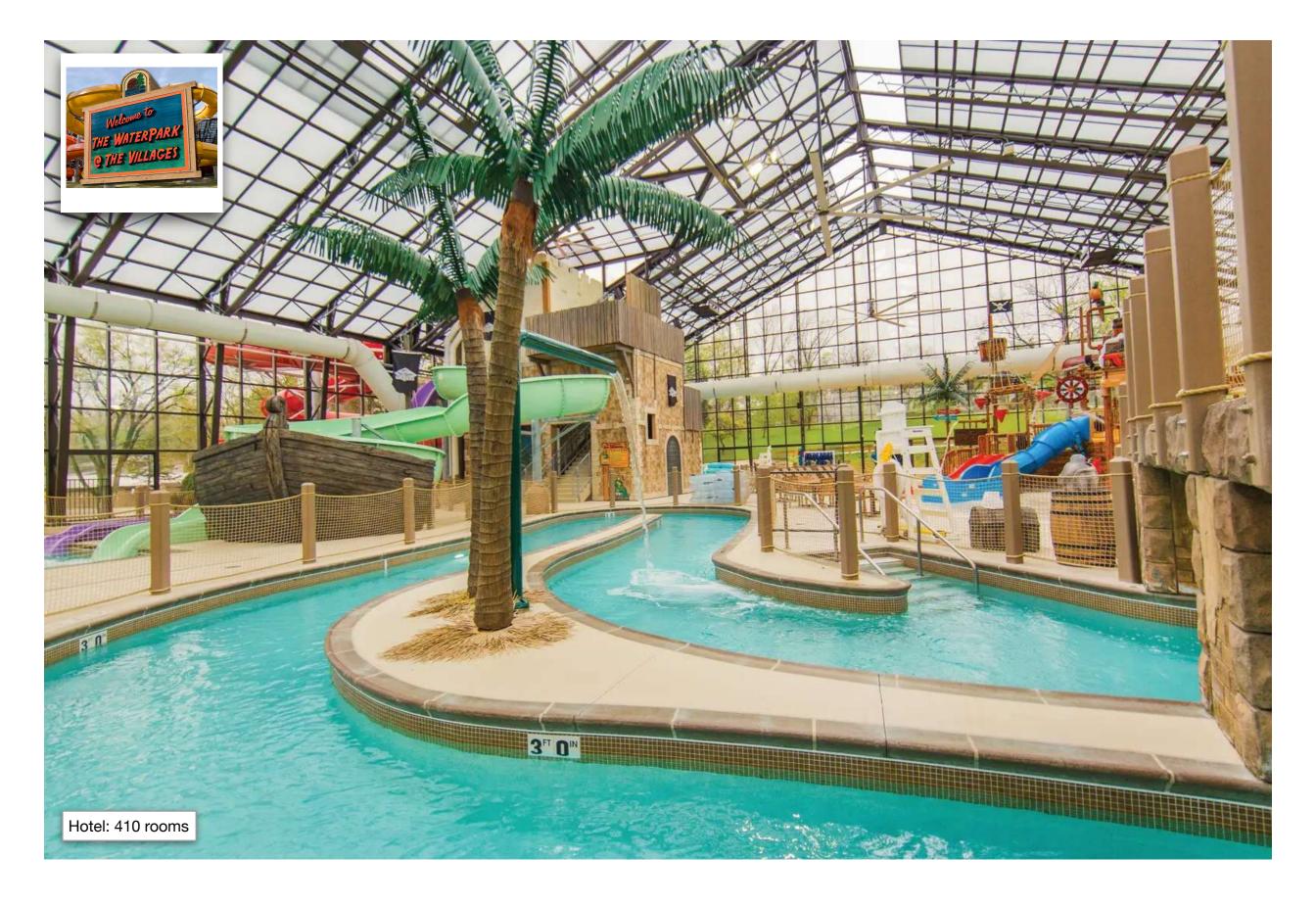




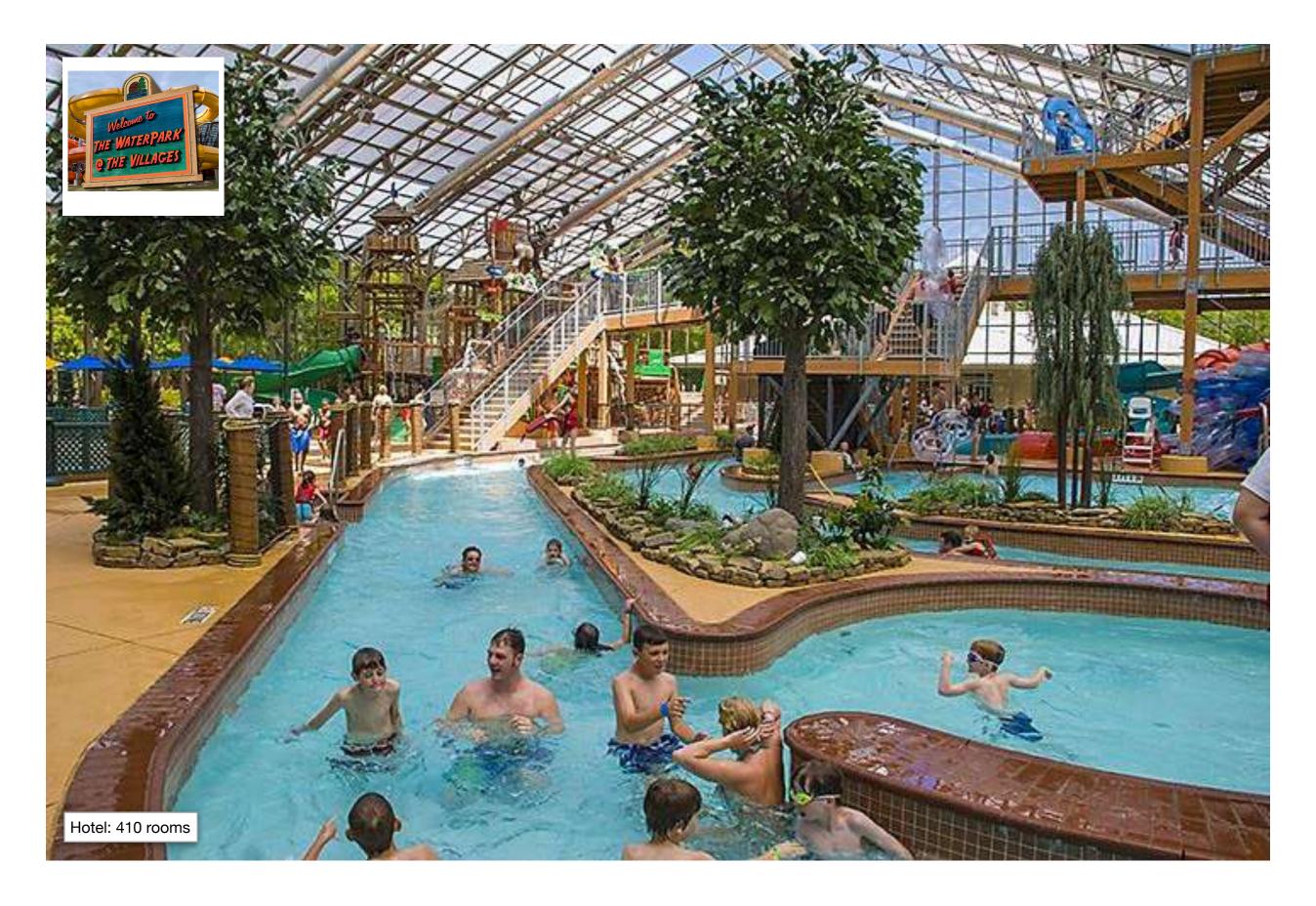


The Waterpark at the Villages, Silverleaf Resort Holiday Inn Vacation Club Flint, Texas, USA





The Waterpark at the Villages, Silverleaf Resort Holiday Inn Vacation Club Flint, Texas, USA



The Waterpark at the Villages, Silverleaf Resort Holiday Inn Vacation Club Flint, Texas, USA







Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia



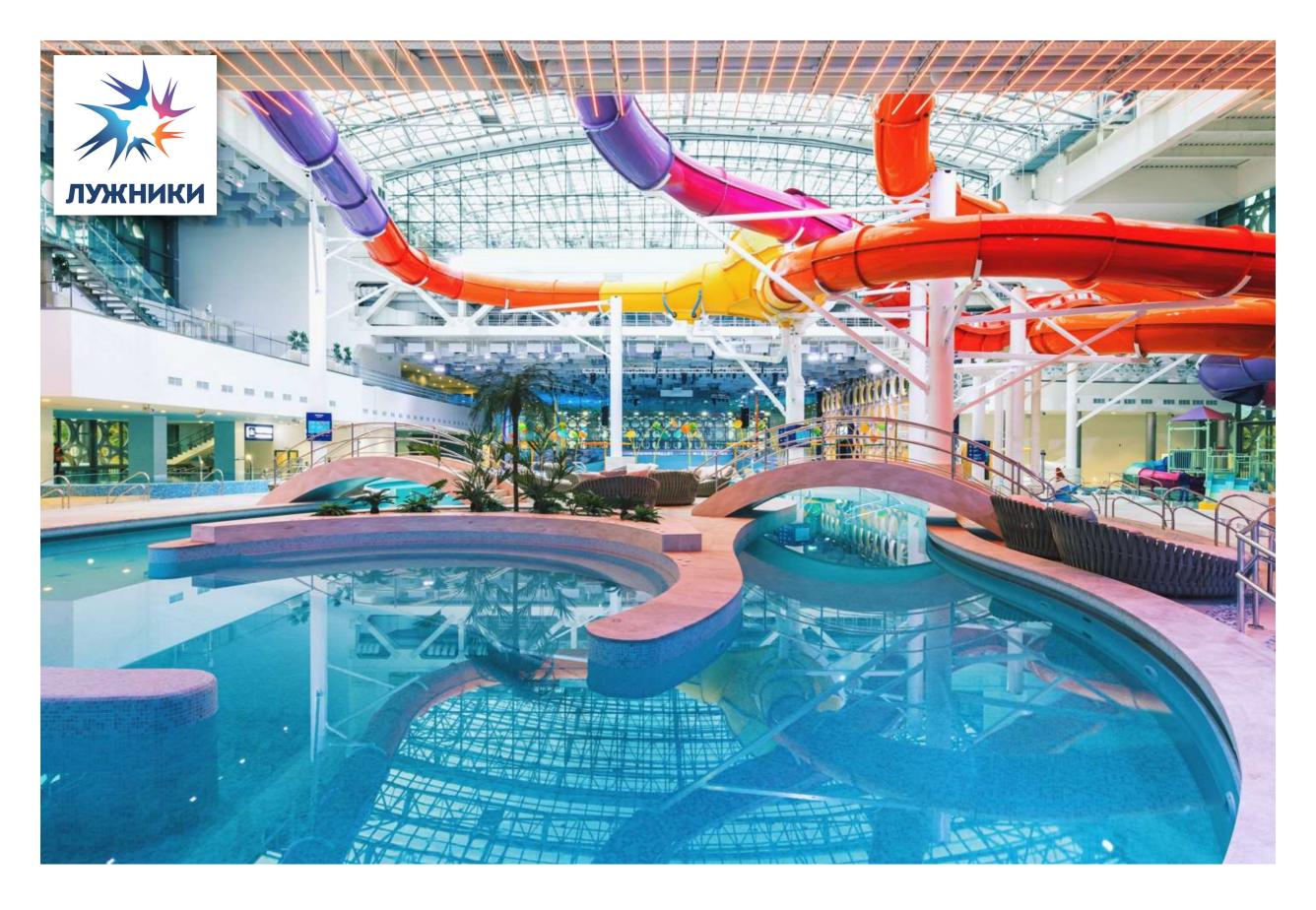
Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia



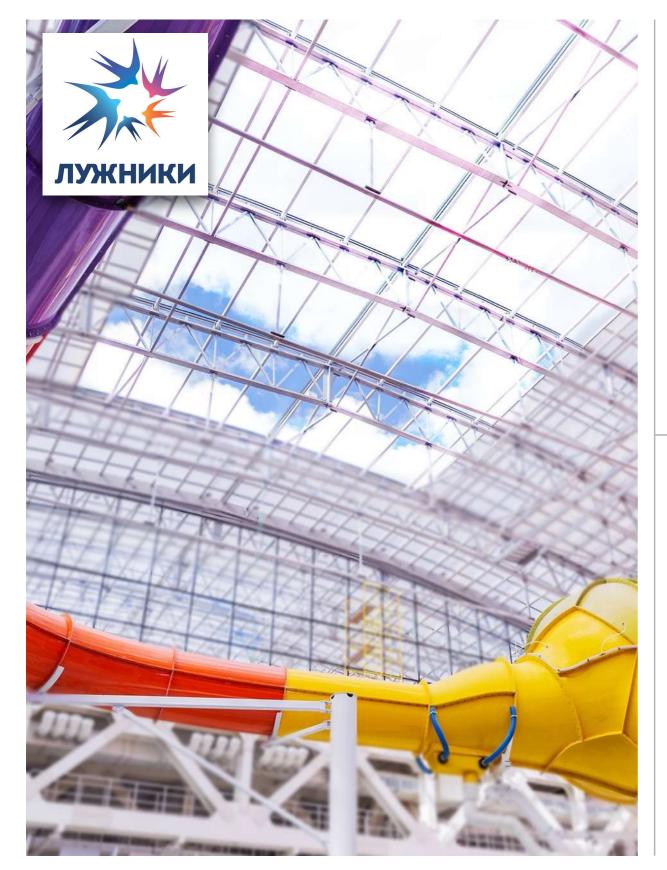




Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia



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Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia

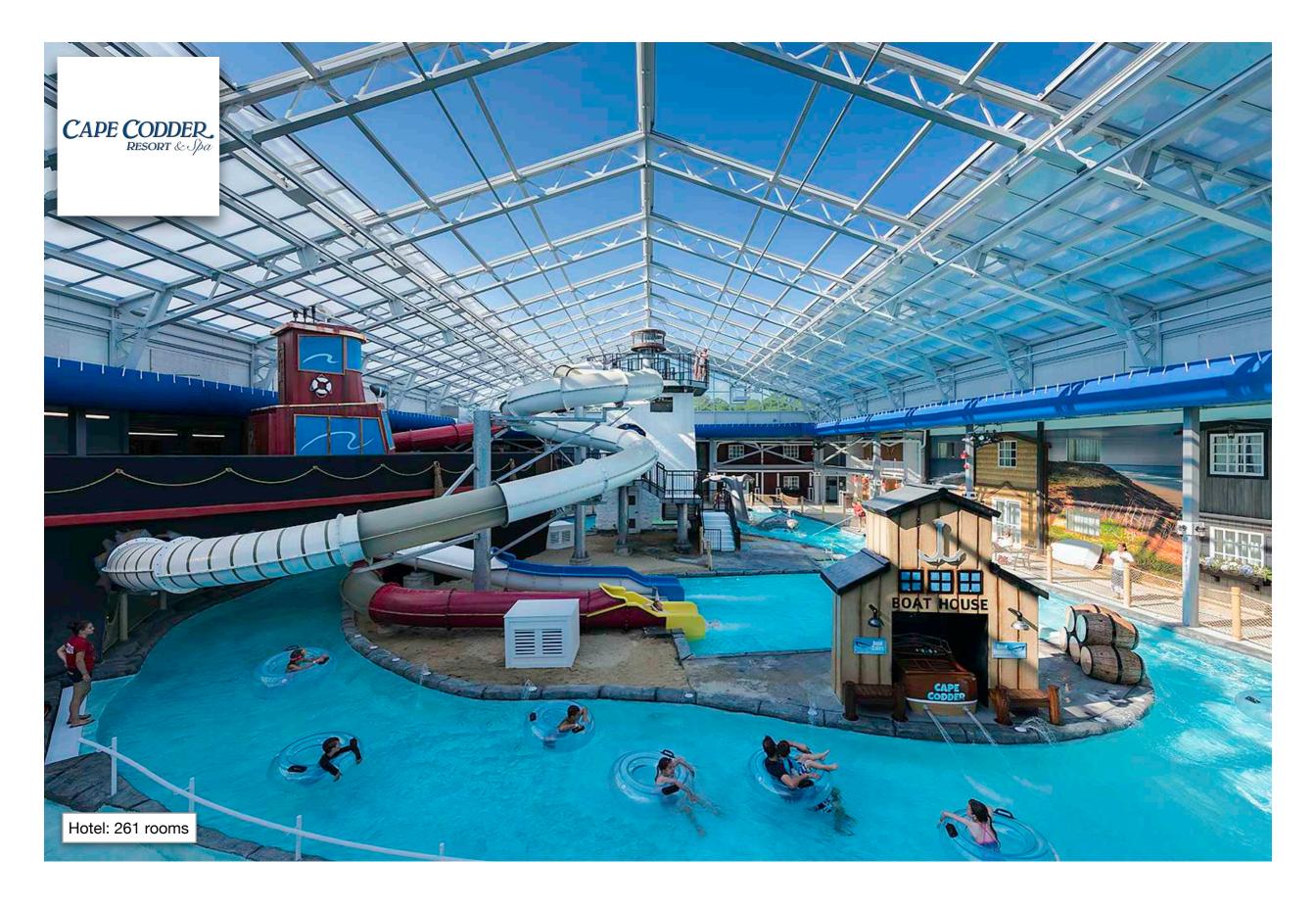




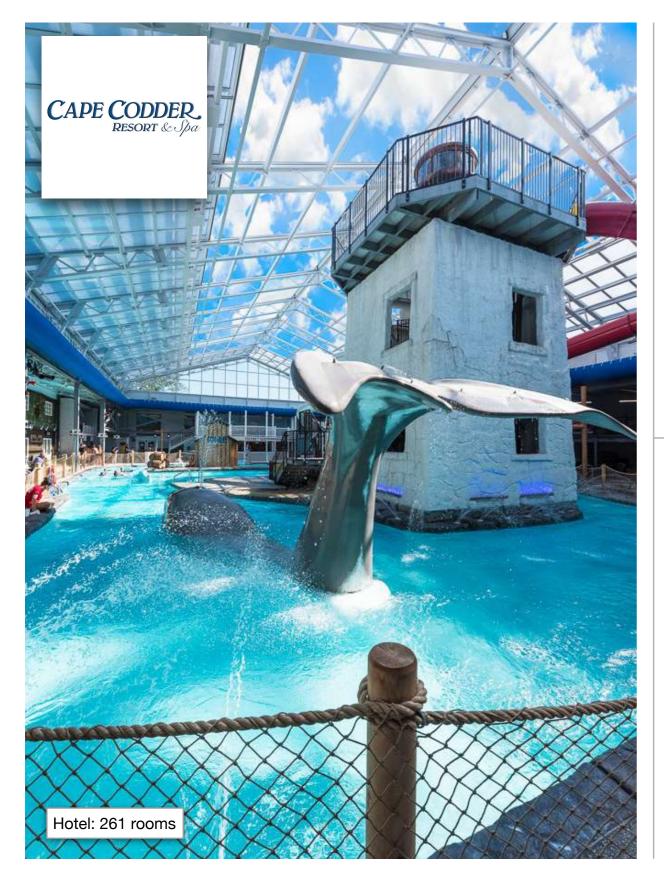


Water Sports Palace Luzhniki at Luzhniki Aqua Complex Moscow, Russia

CAPE CODDER. RESORT & Spa





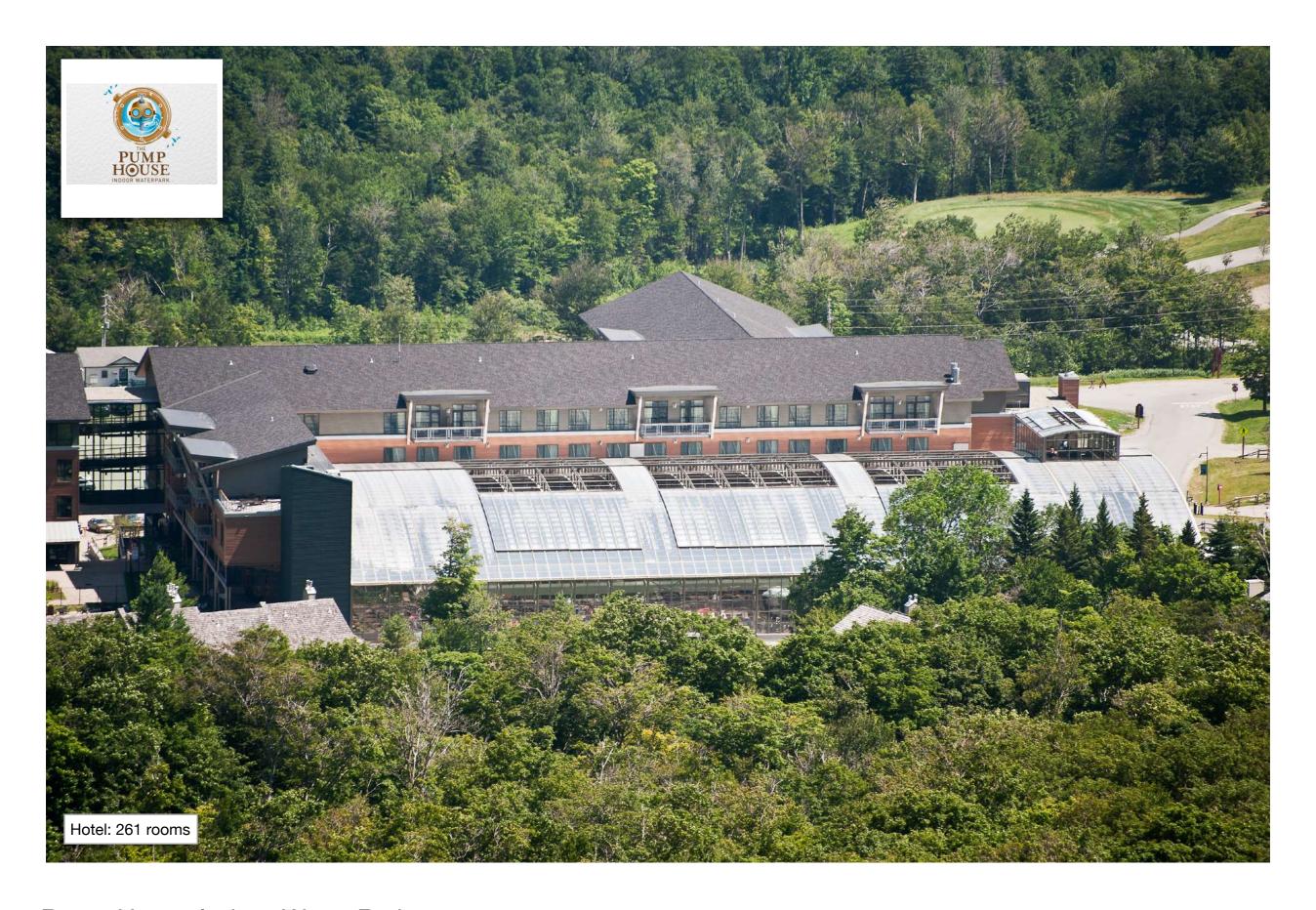




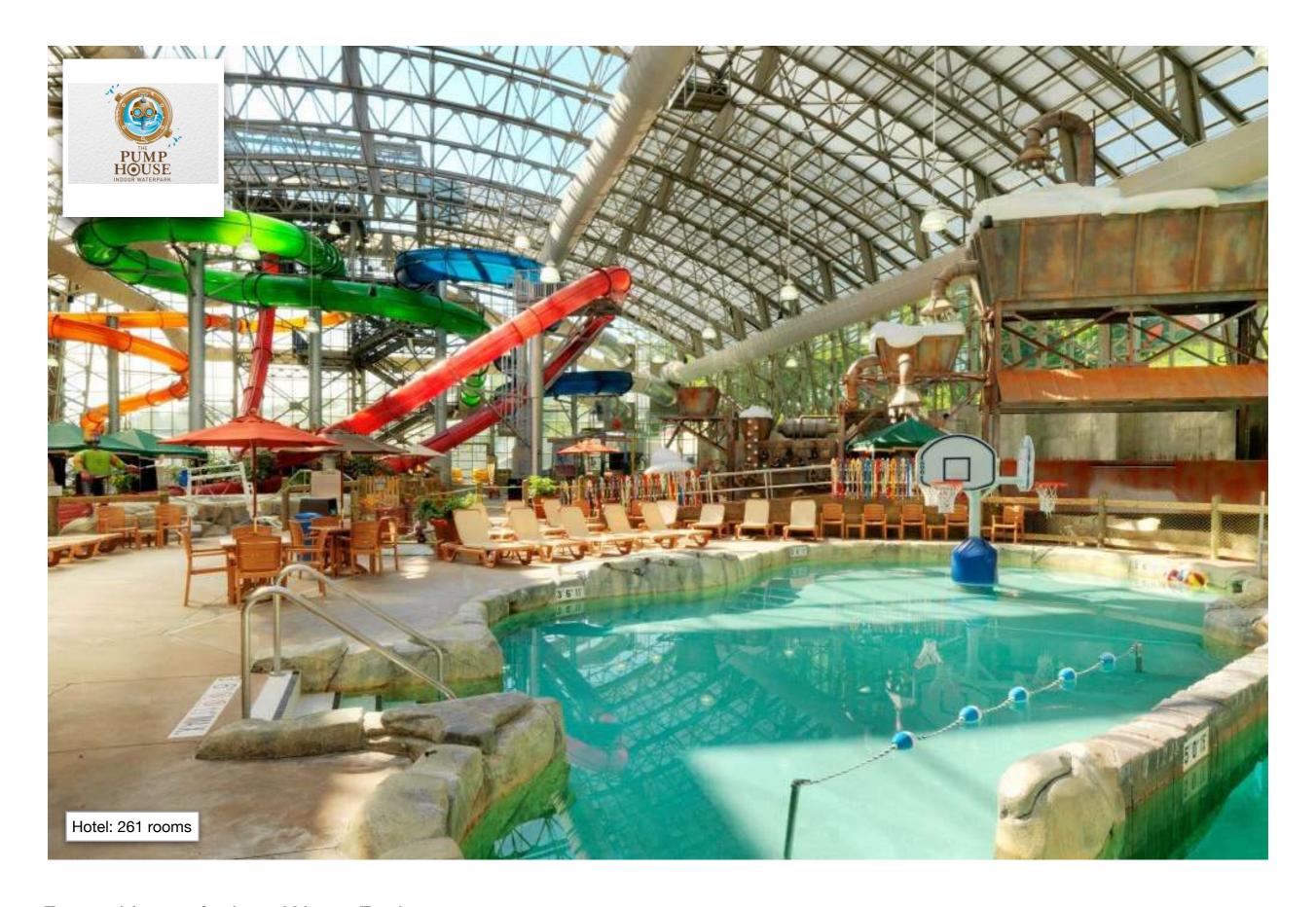


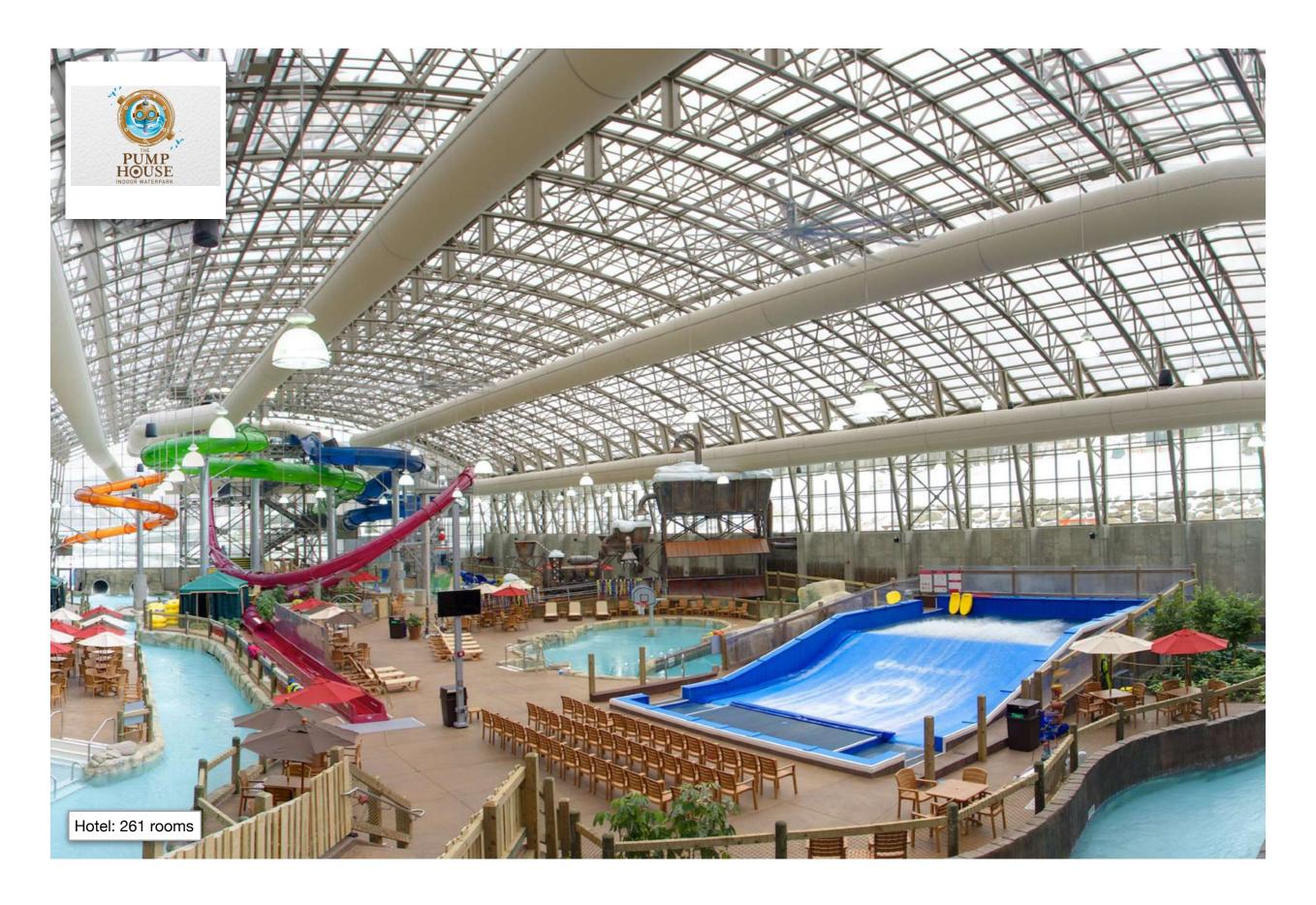
Cape Codder Resort and Spa Waterpark Hyannis, Massachusetts



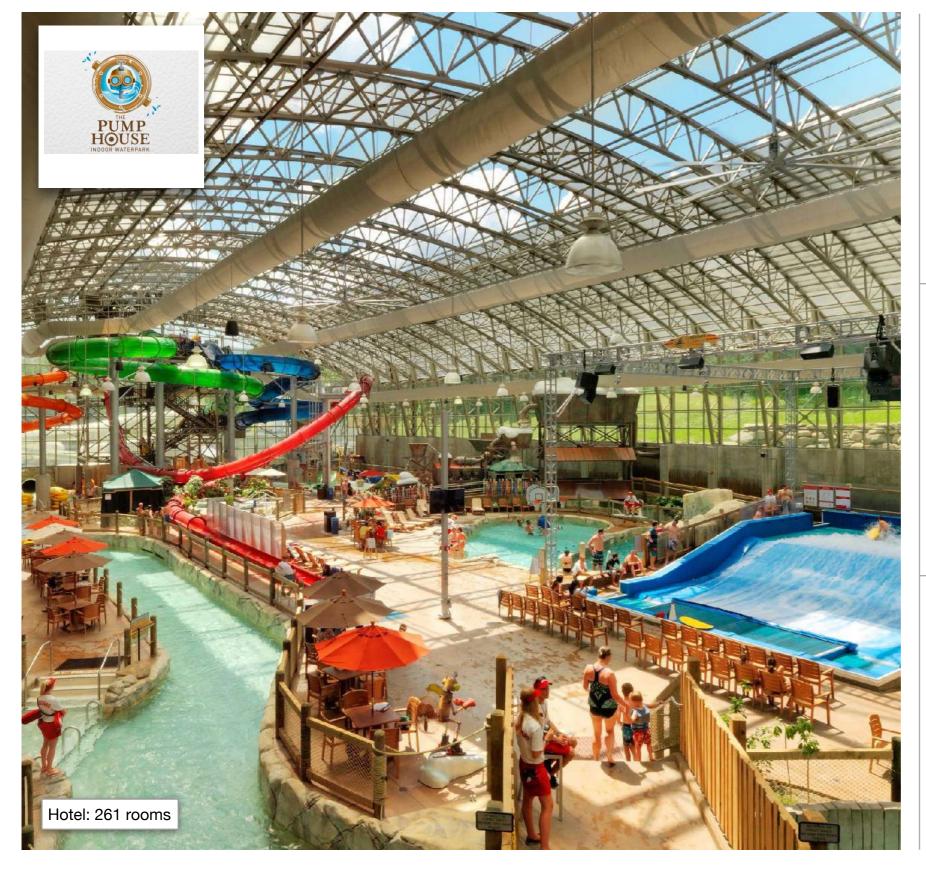










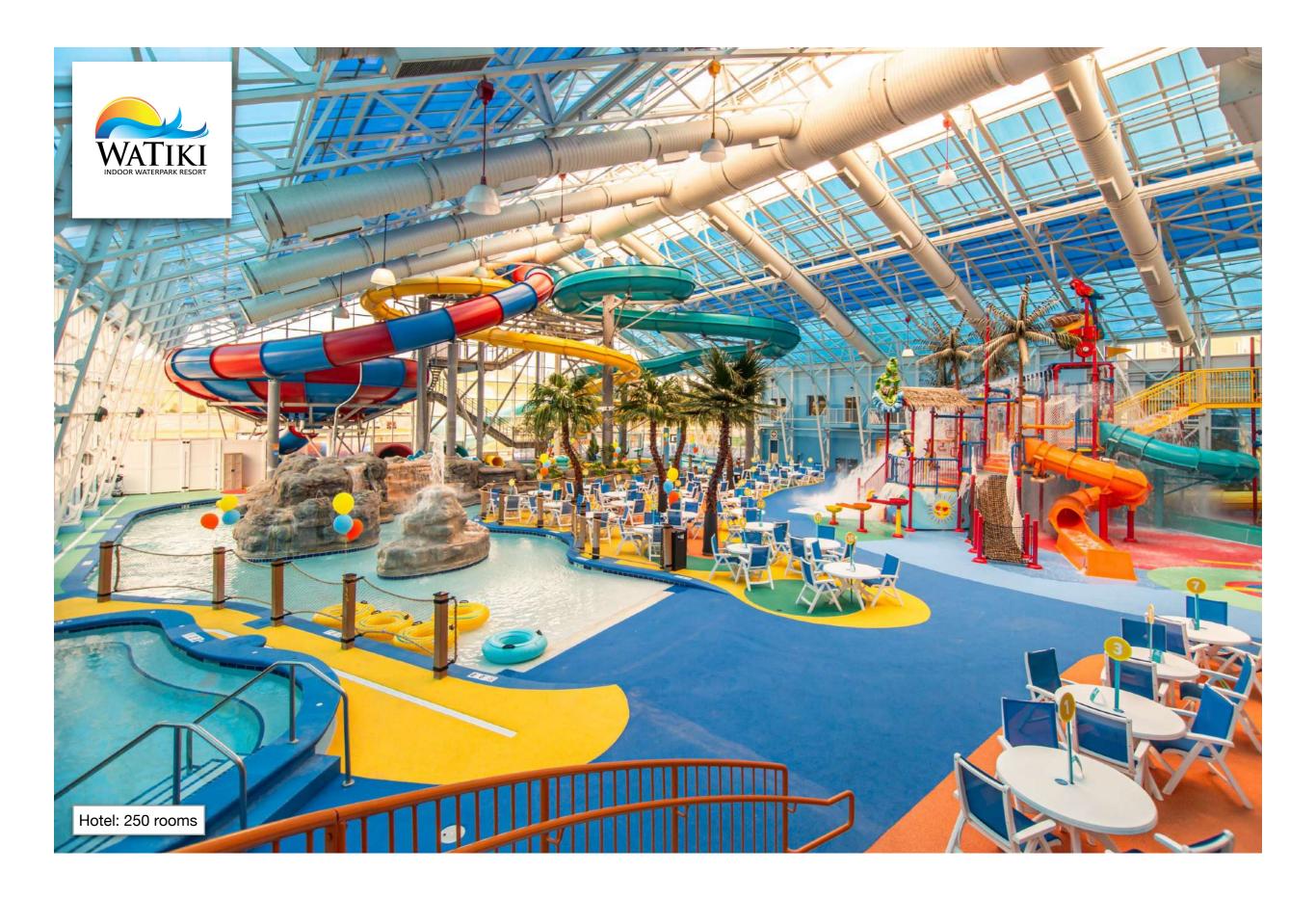


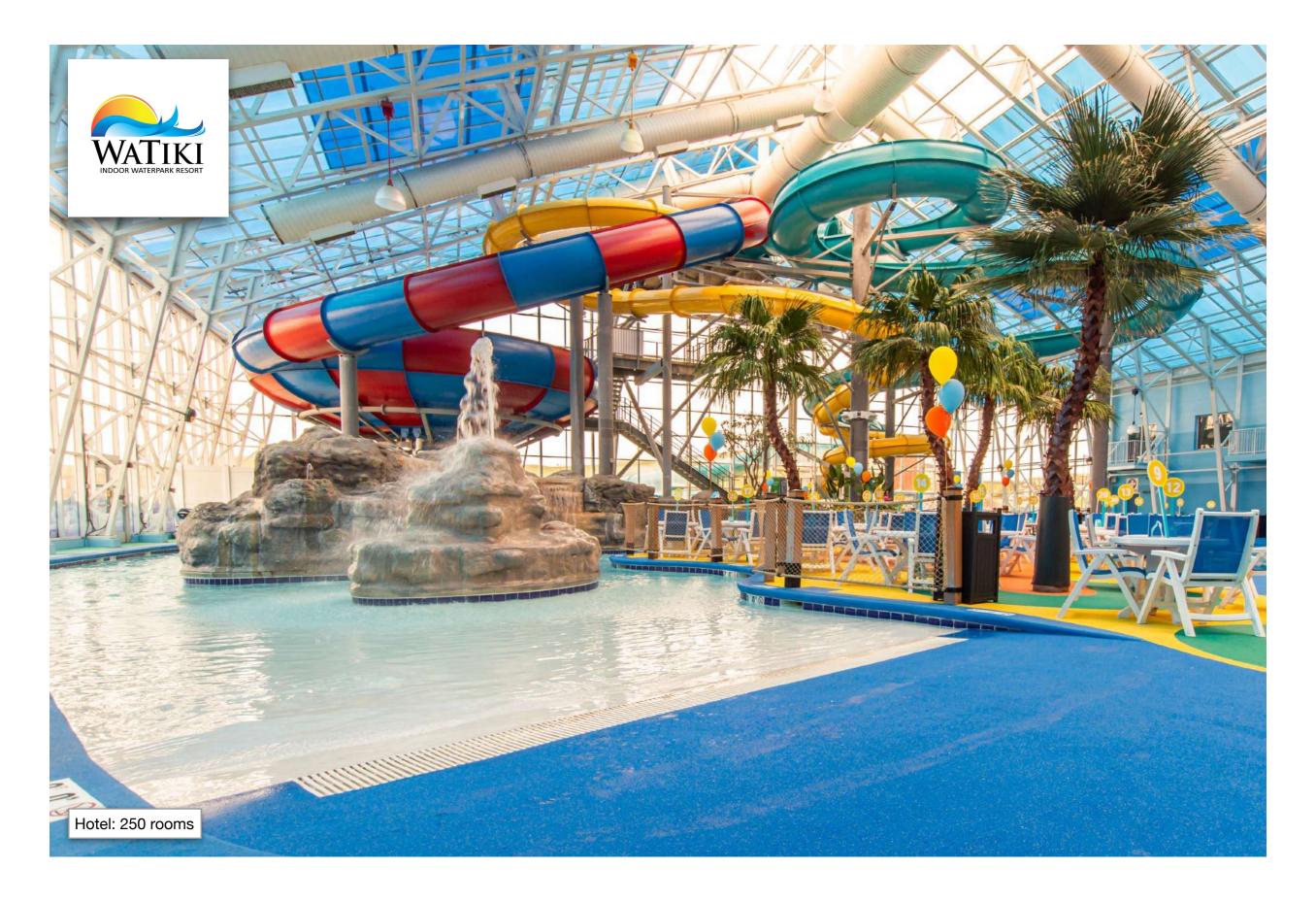


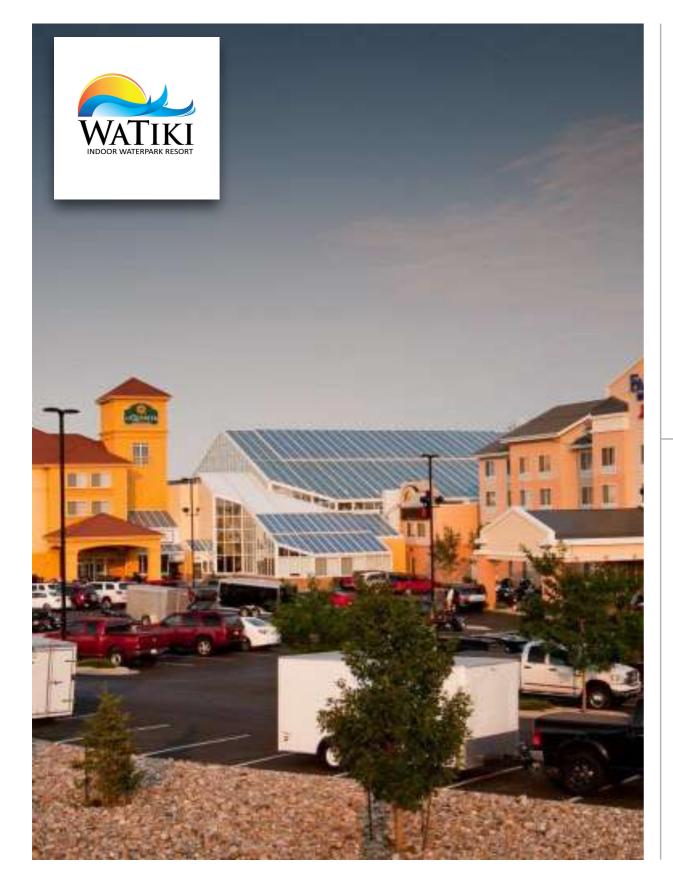










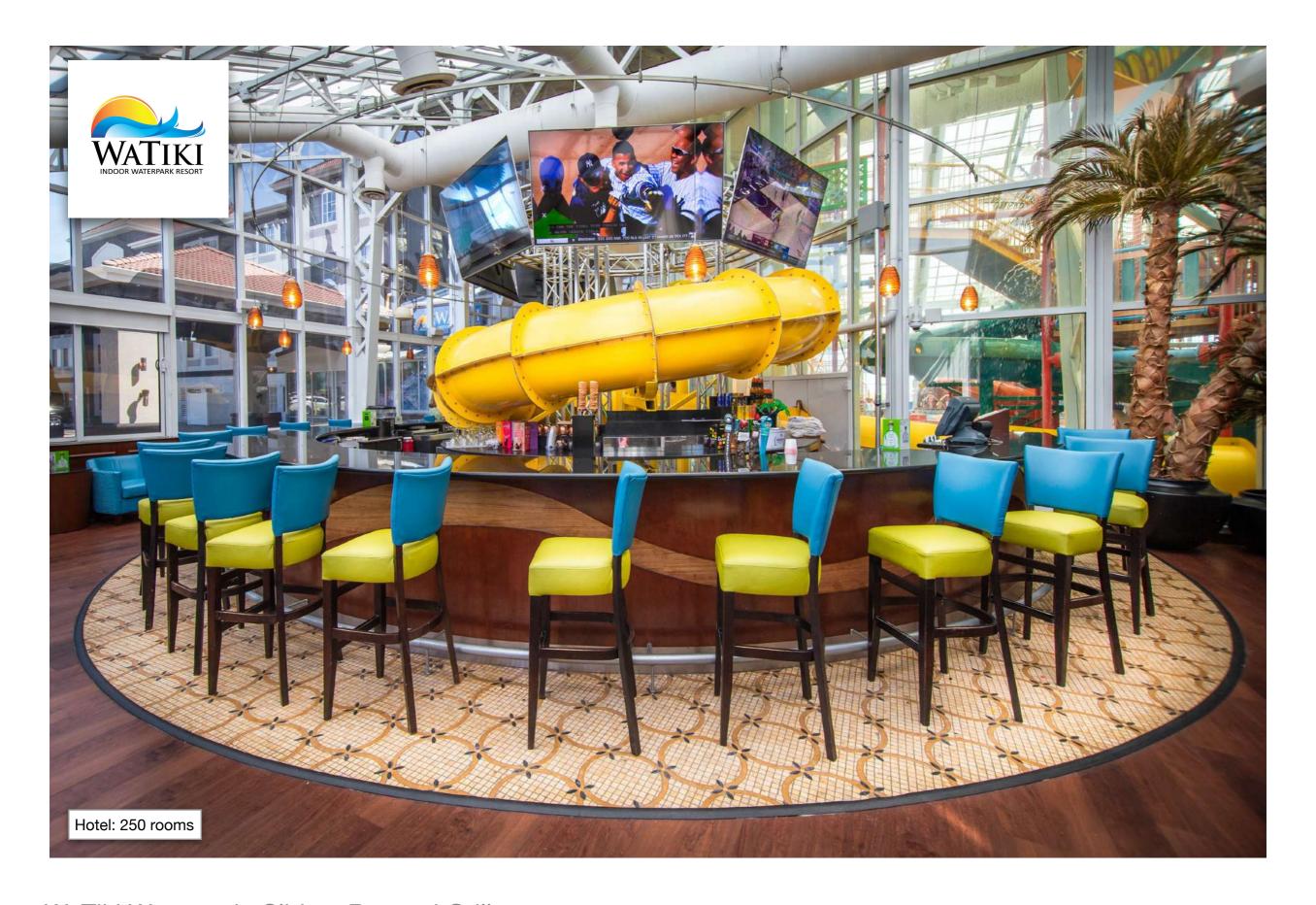




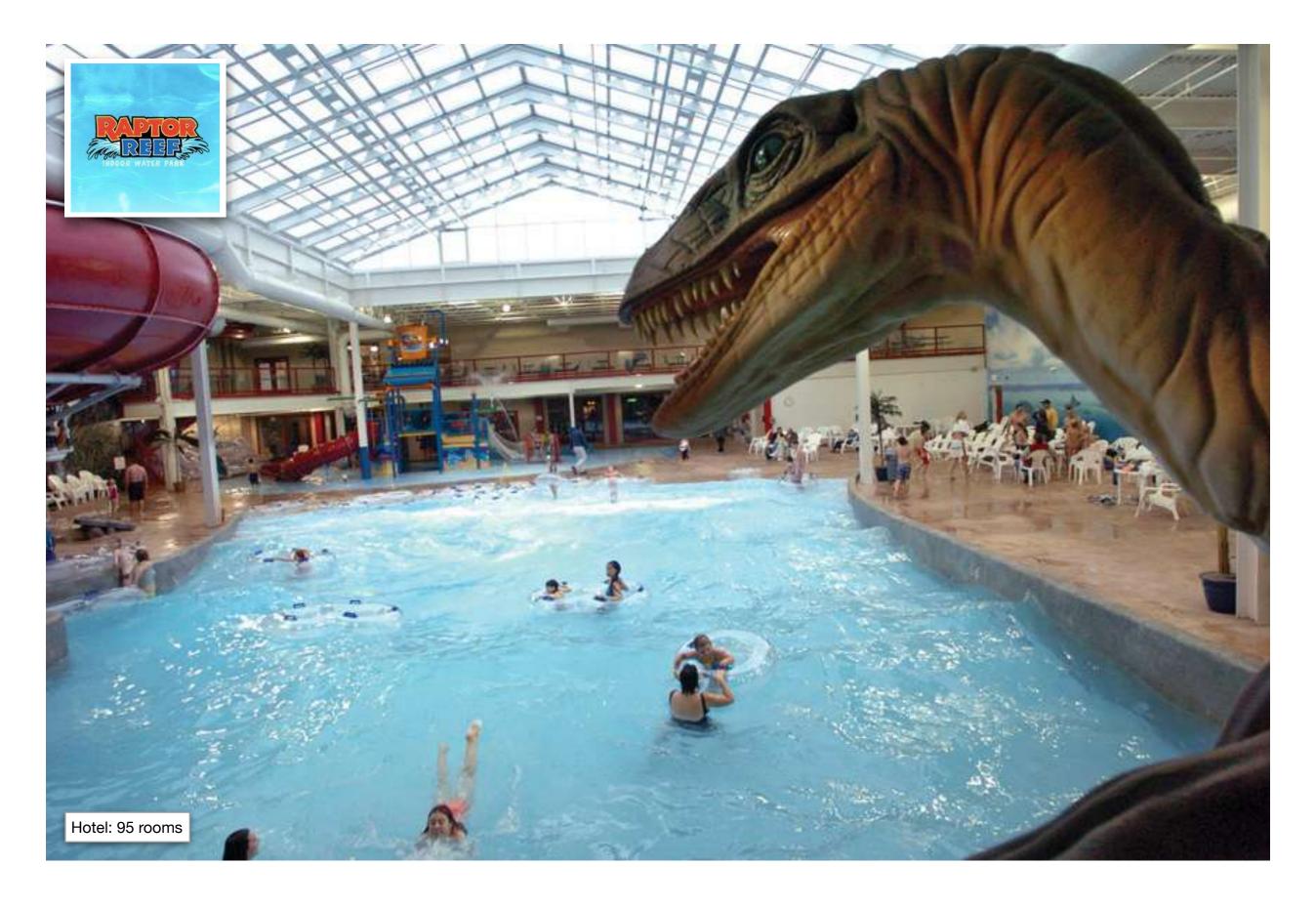


WaTiki Waterpark, Sliders Bar and Grill Rapid City, South Dakota

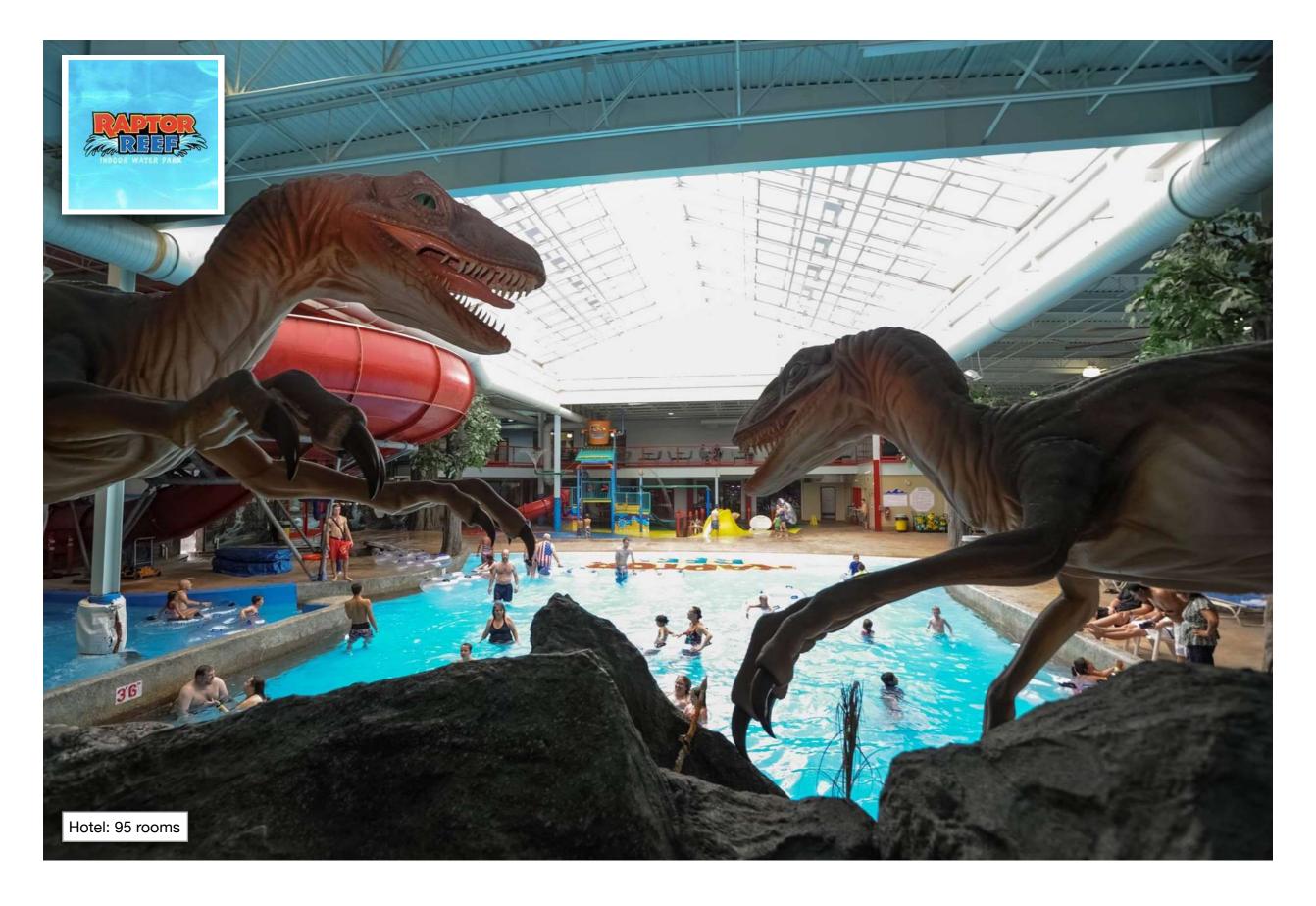








Raptor Reef Indoor Waterpark at Triple Play Resort Coeur d'Alene Idaho USA



Raptor Reef Indoor Waterpark at Triple Play Resort Coeur d'Alene Idaho USA



Raptor Reef Indoor Waterpark at Triple Play Resort Coeur d'Alene Idaho USA

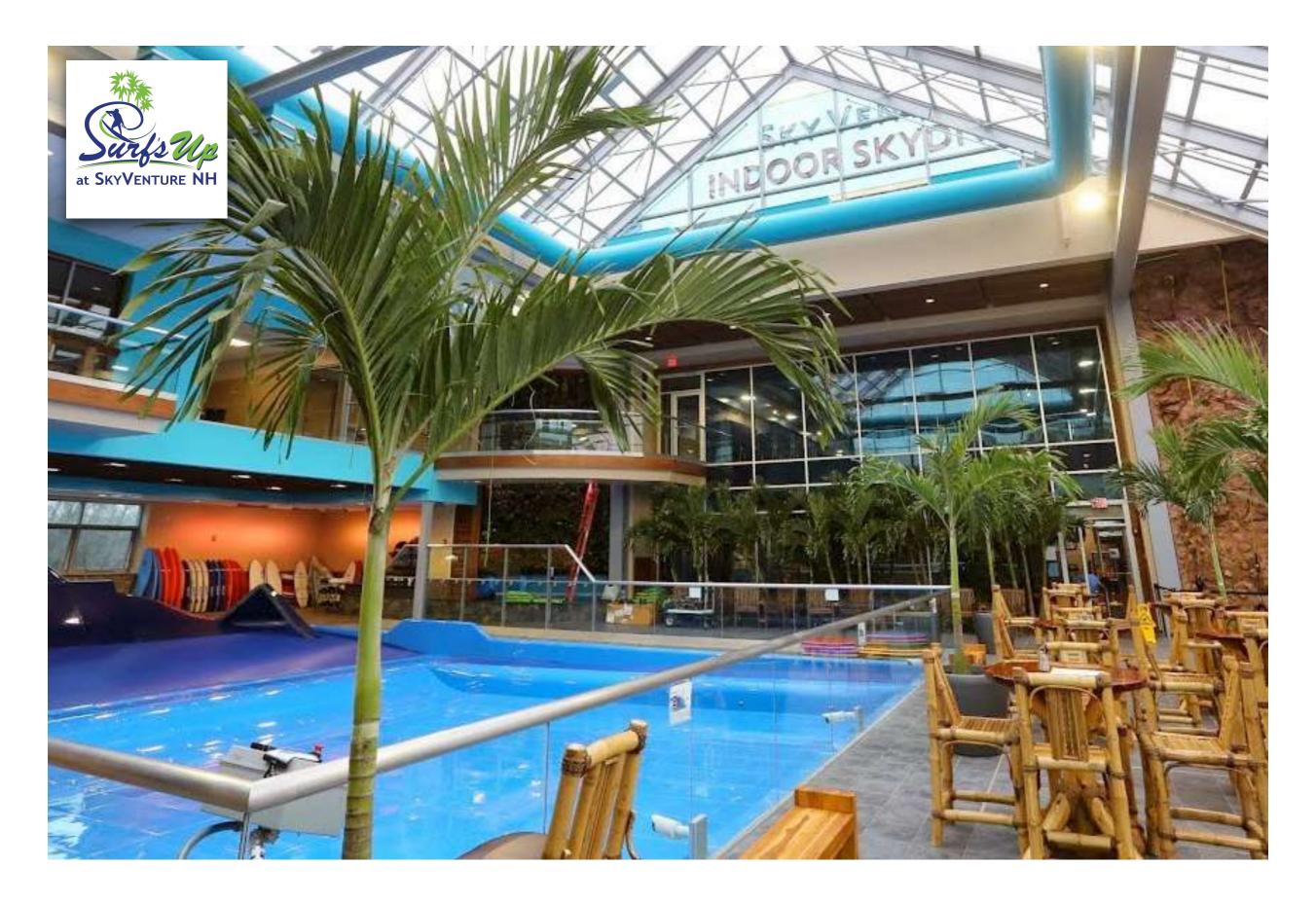




SkyVenture and Surfs Up NH New Hampshire USA



SkyVenture and Surfs Up NH New Hampshire USA













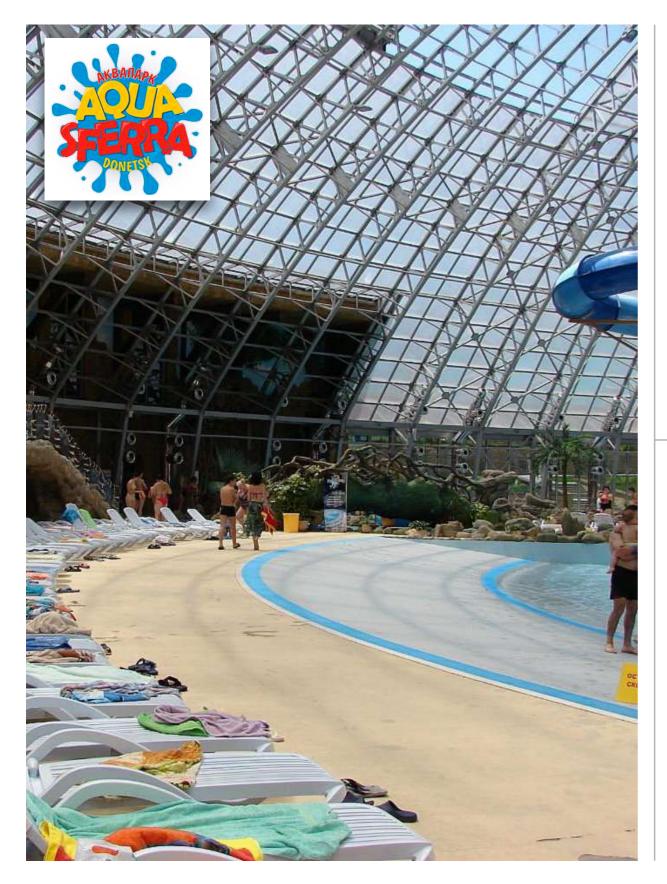
SkyVenture and Surfs Up NH New Hampshire USA

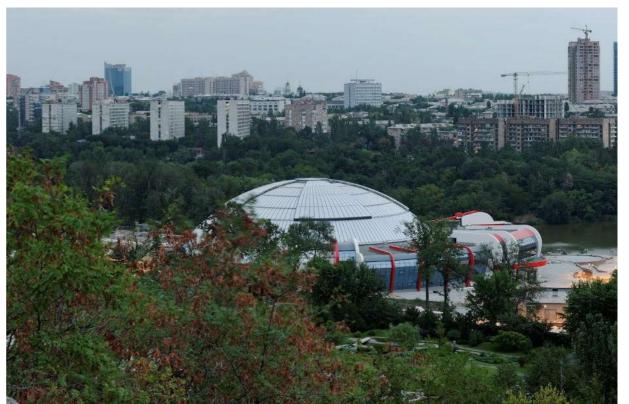


LARGEST
FREESTANDING
ALL ALUMINUM
DOME IN THE
WORLD



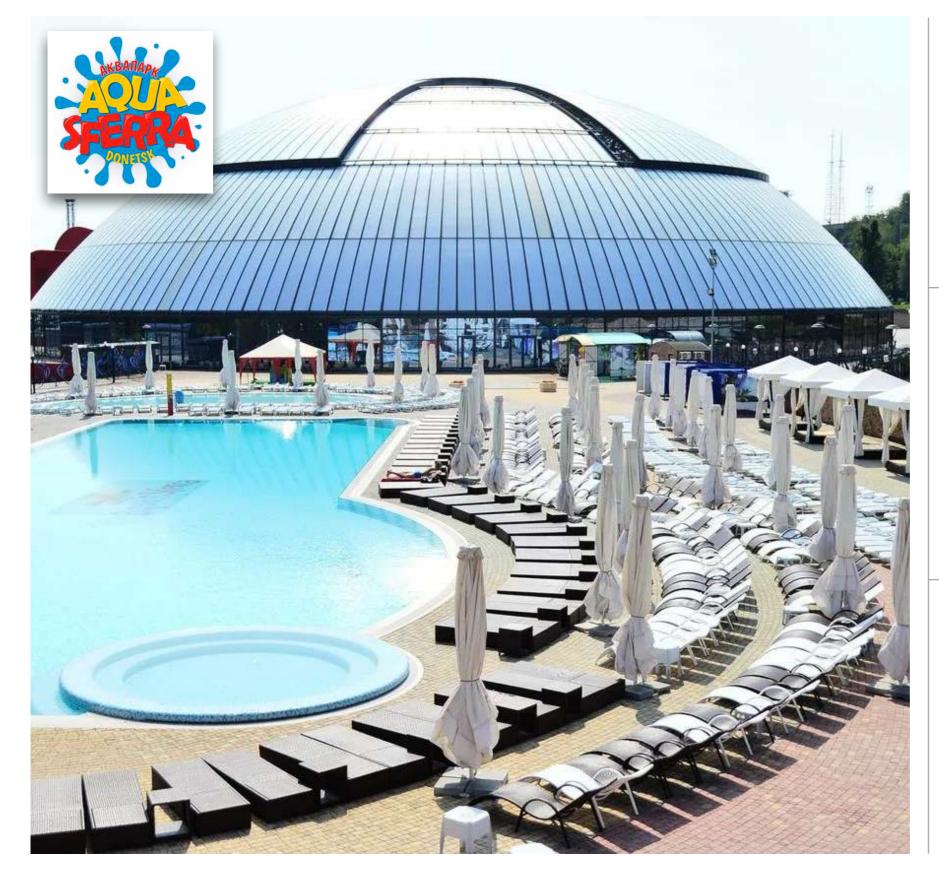
Aquapark - Aqua Sferra Donetsk, Ukraine, World's Largest retractable aluminum dome







Aquapark - Aqua Sferra Donetsk, Ukraine, World's Largest retractable aluminum dome







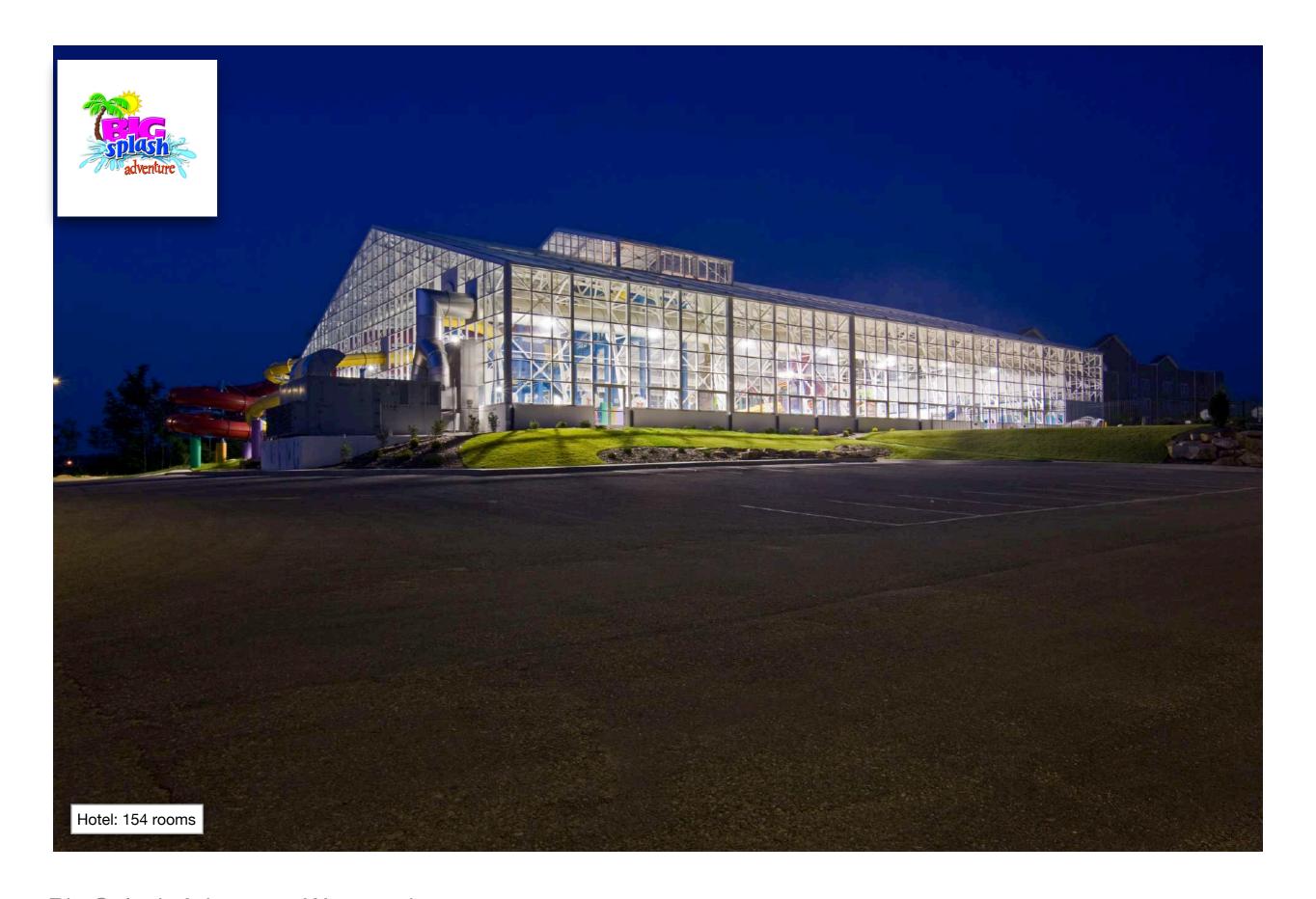


Aquapark - Aqua Sferra Donetsk, Ukraine, World's Largest retractable aluminum dome











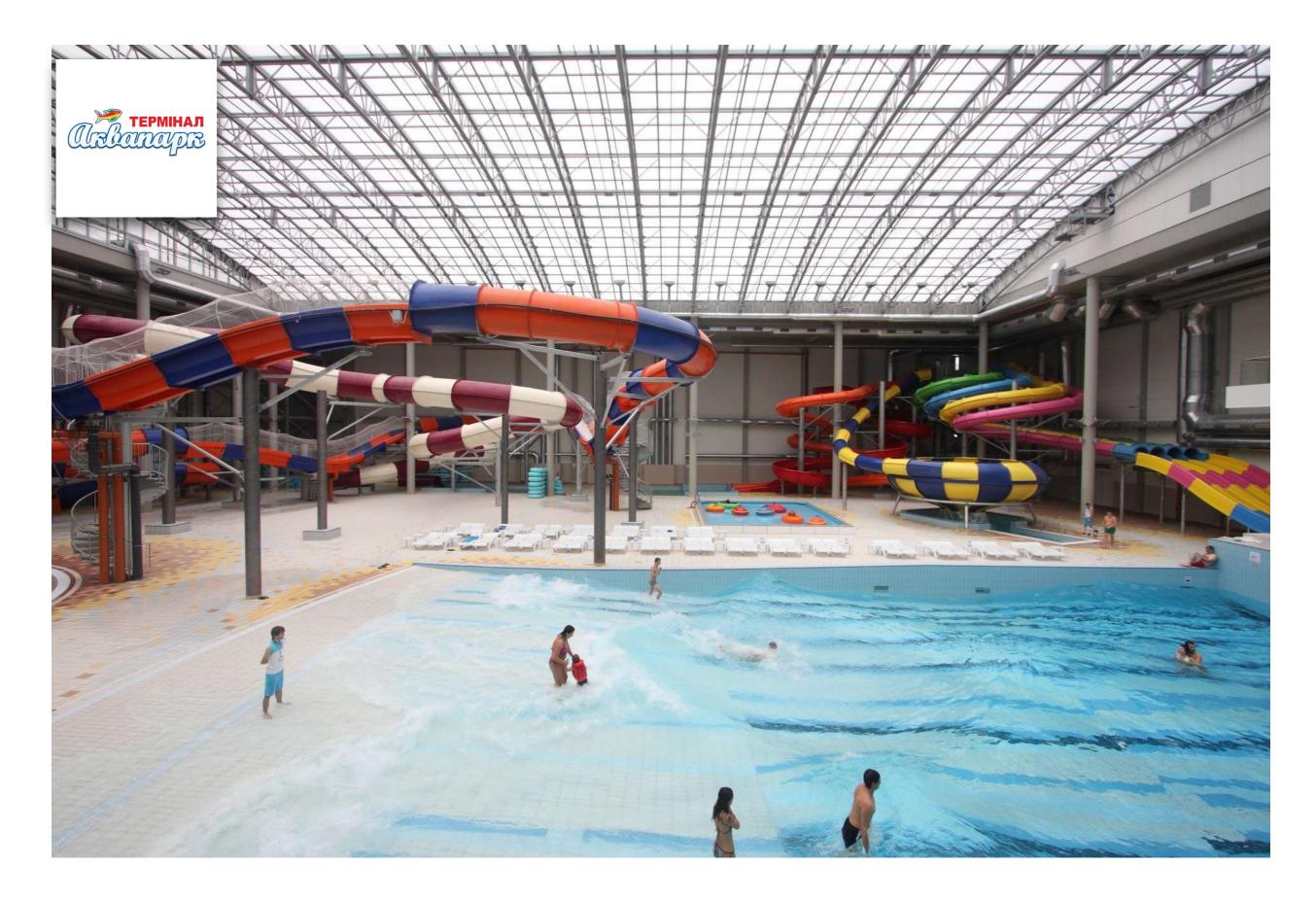






OpenAire









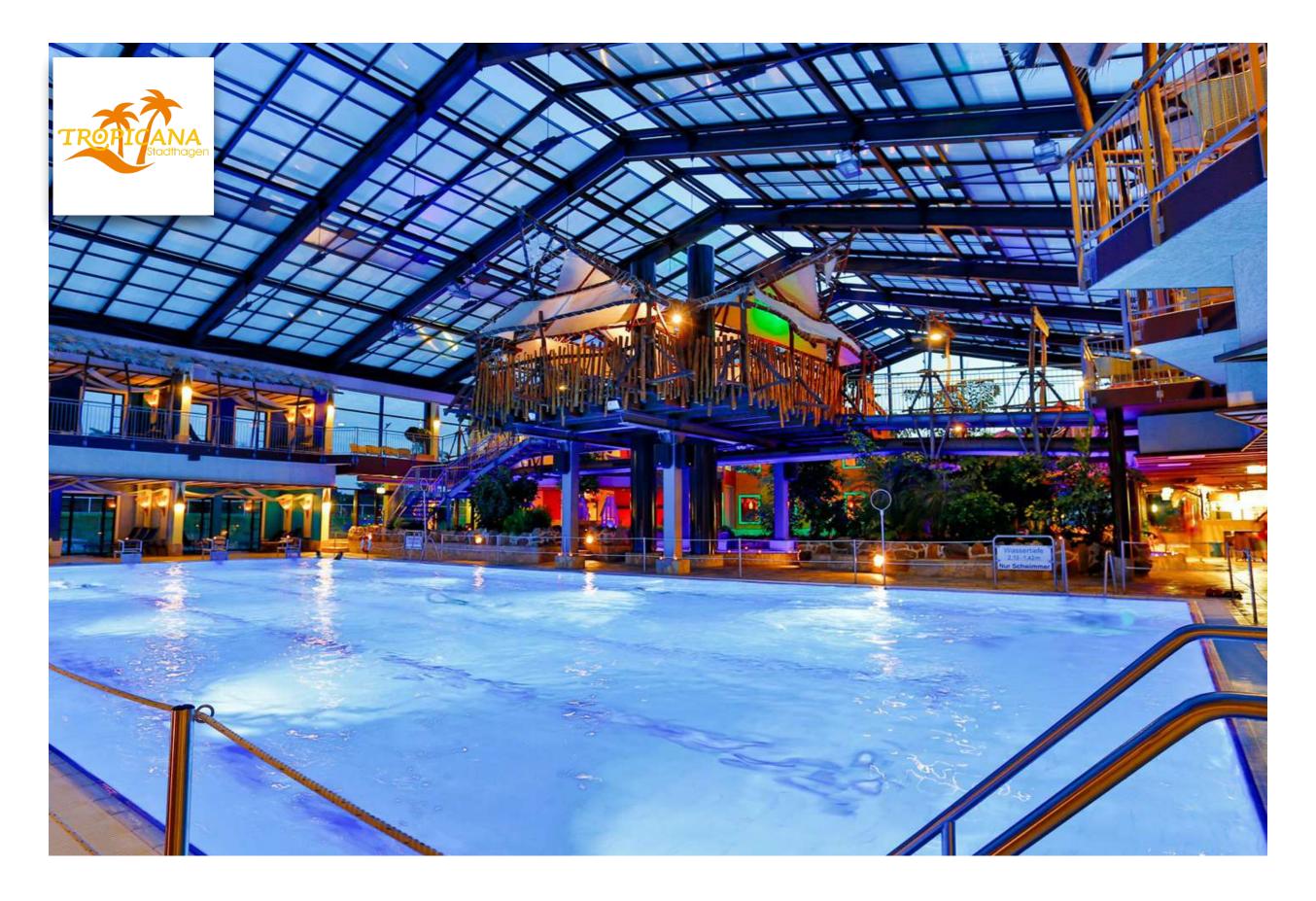






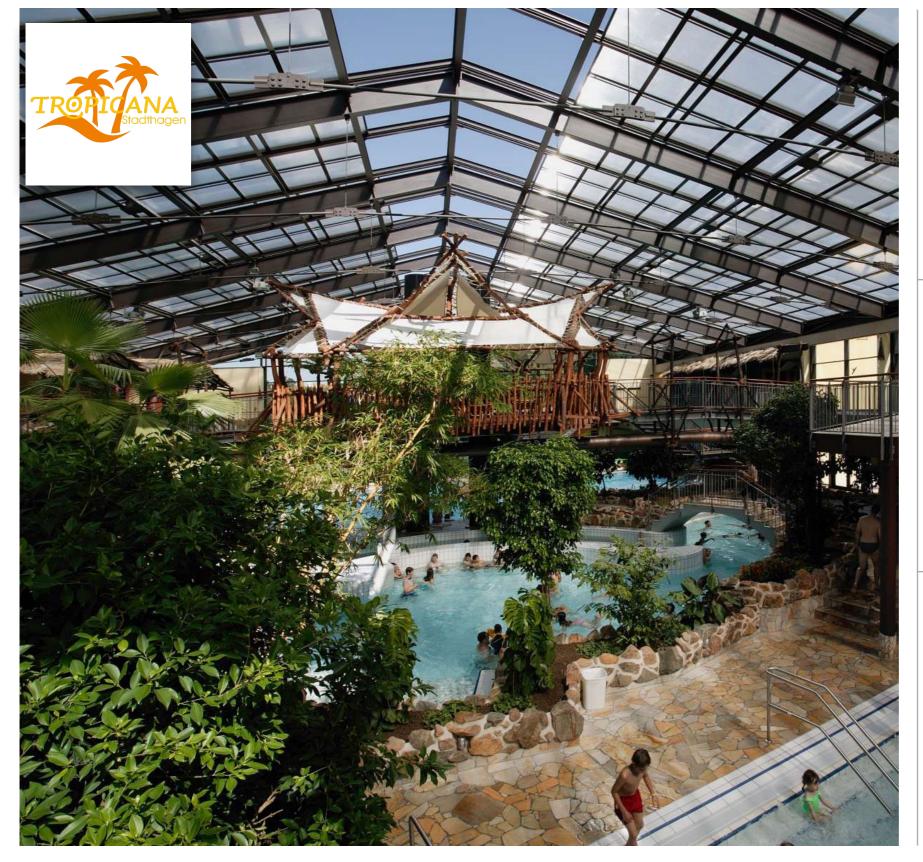
Akvapark Terminal Kiev







Tropicana Waterpark Stadthagen, Germany







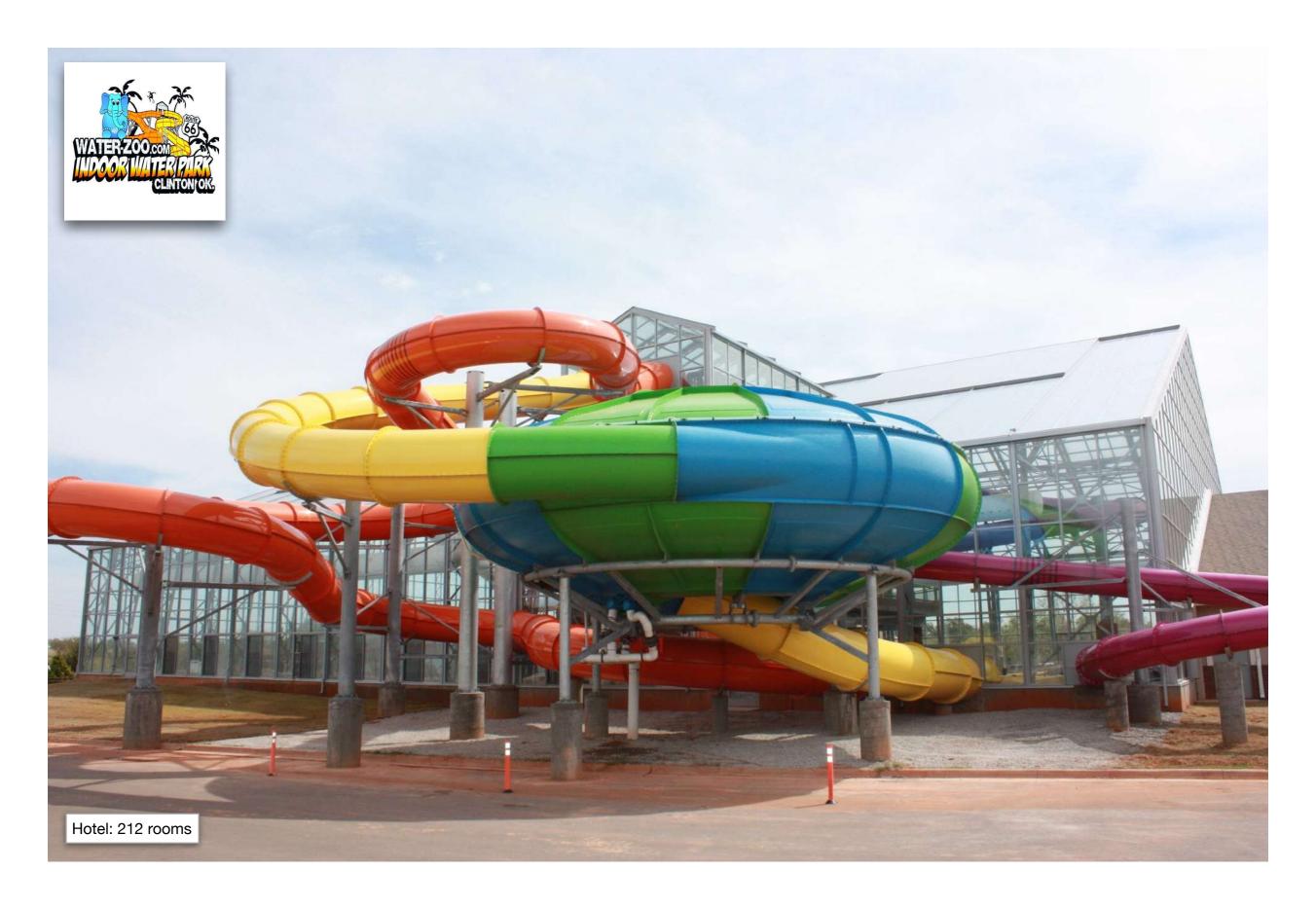


Tropicana Waterpark Stadthagen, Germany

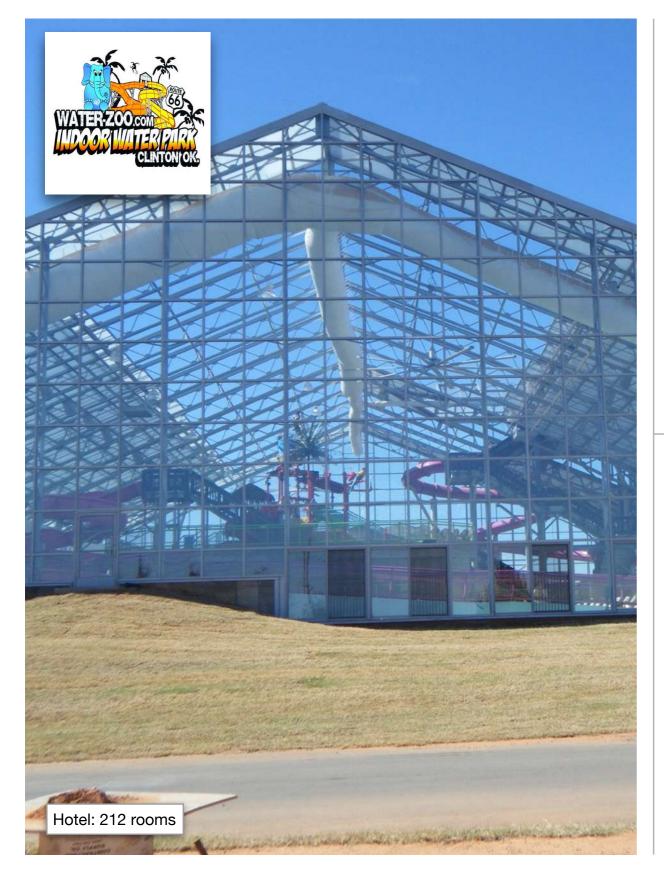
















Water-Zoo Indoor Waterpark Clinton, Oklahoma









Water-Zoo Indoor Waterpark Clinton, Oklahoma













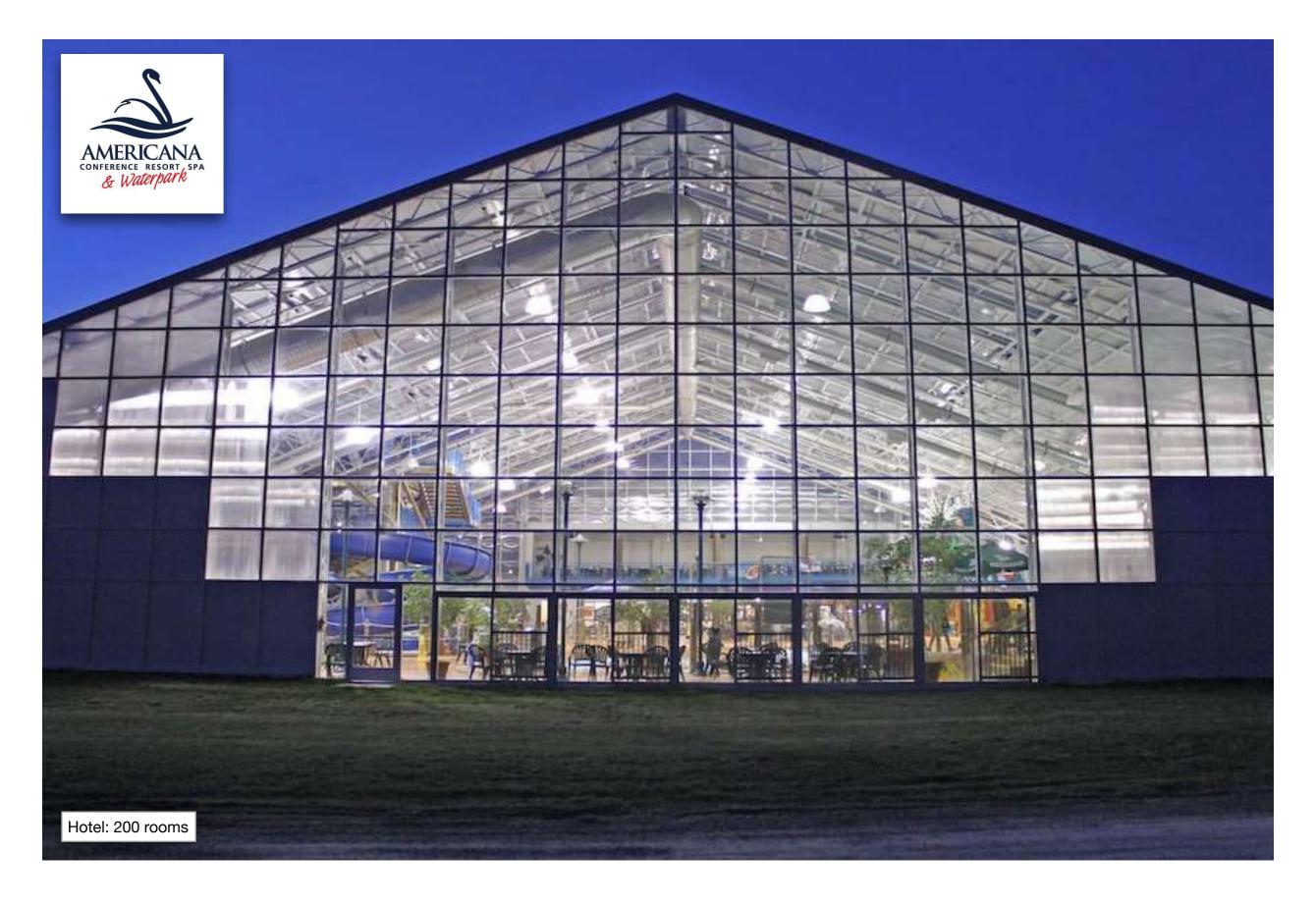






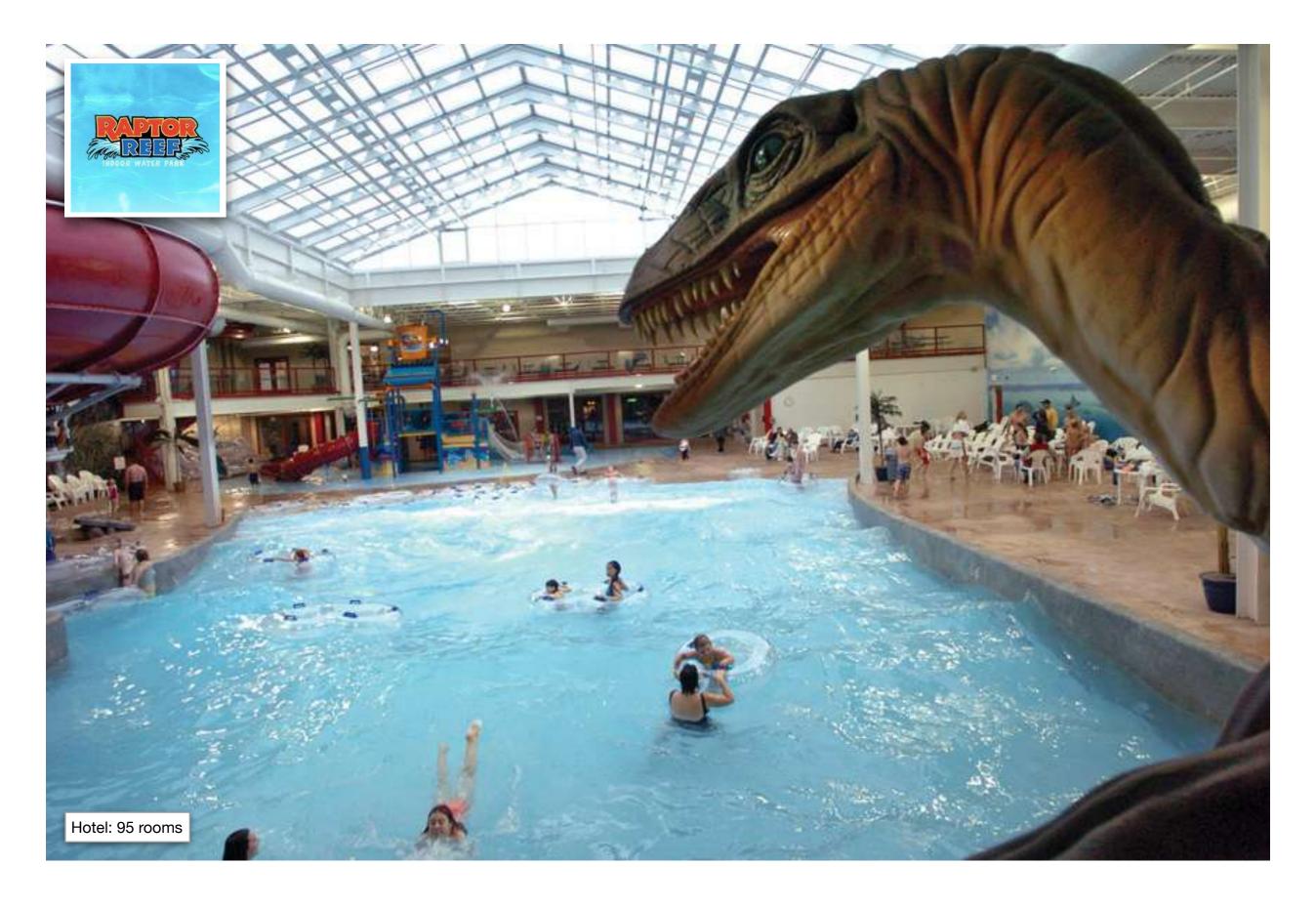




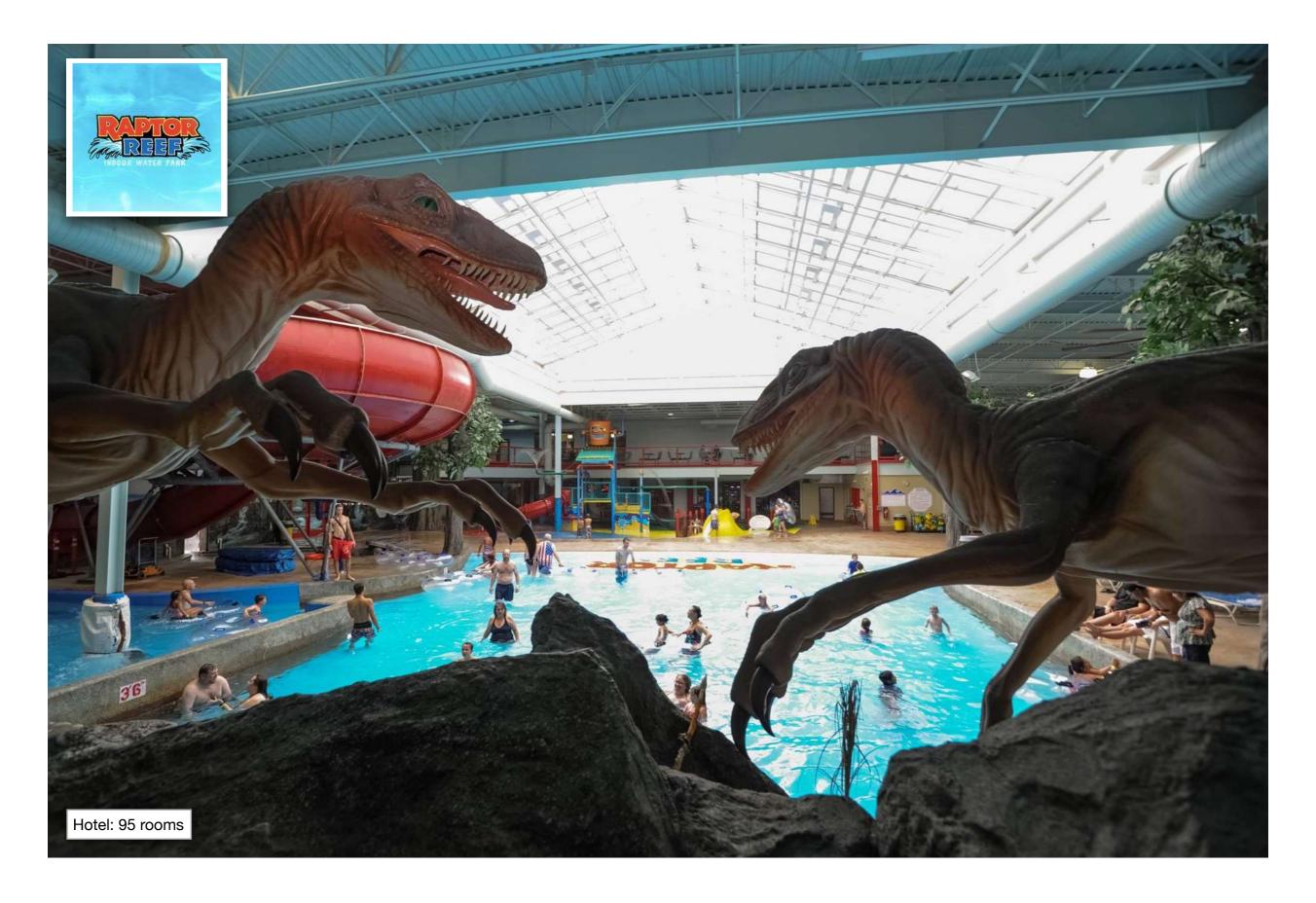








Raptor Reef Indoor Waterpark at Triple Play Resort Coeur d'Alene Idaho USA



Raptor Reef Indoor Waterpark at Triple Play Resort Coeur d'Alene Idaho USA



Raptor Reef Indoor Waterpark at Triple Play Resort Coeur d'Alene Idaho USA

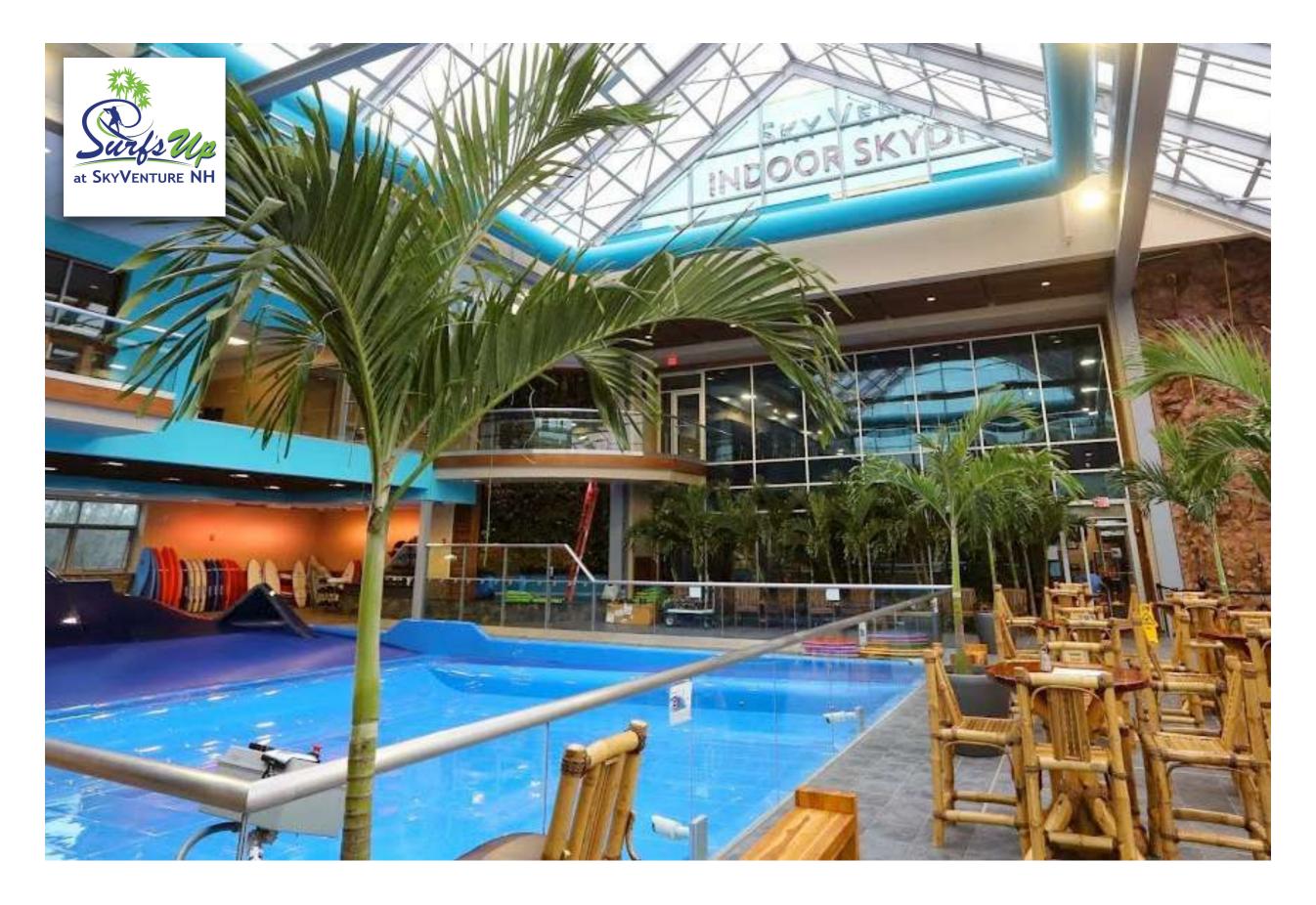




SkyVenture and Surfs Up NH New Hampshire USA

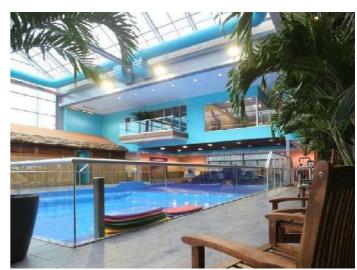


SkyVenture and Surfs Up NH New Hampshire USA





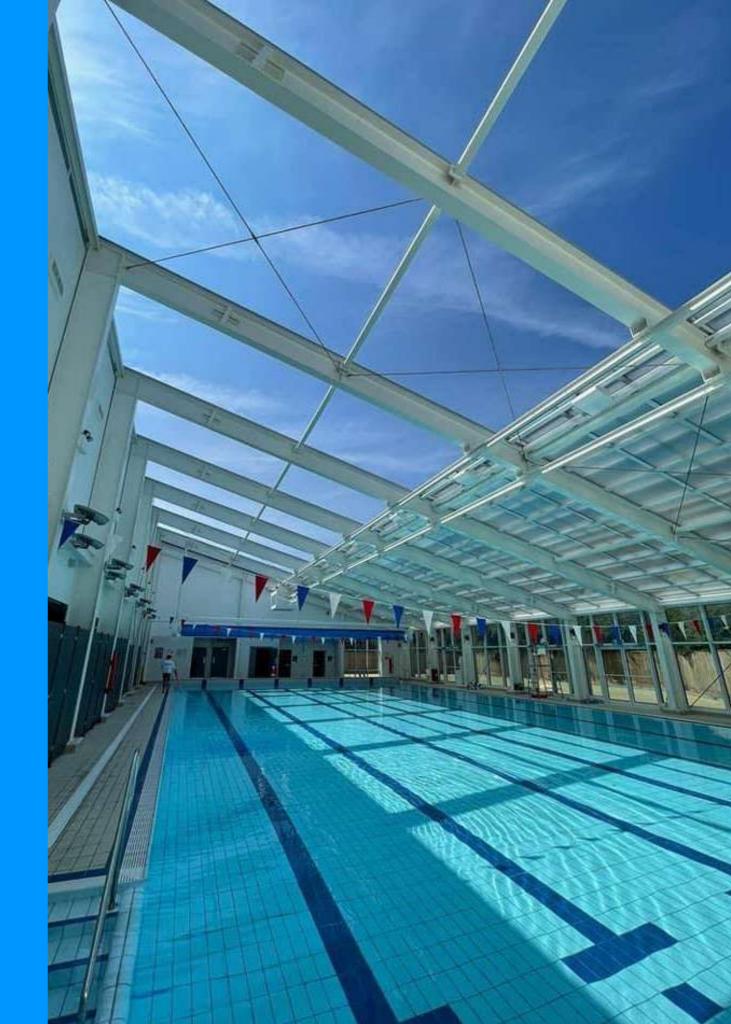






SkyVenture and Surfs Up NH New Hampshire USA

Municipal Aquatic Centers



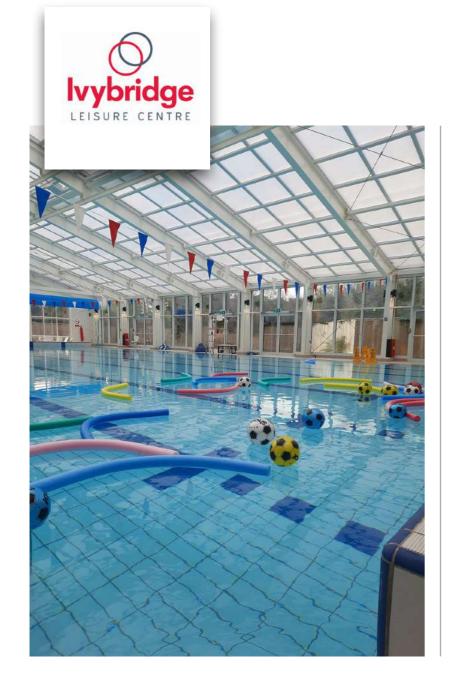
Partial Project List



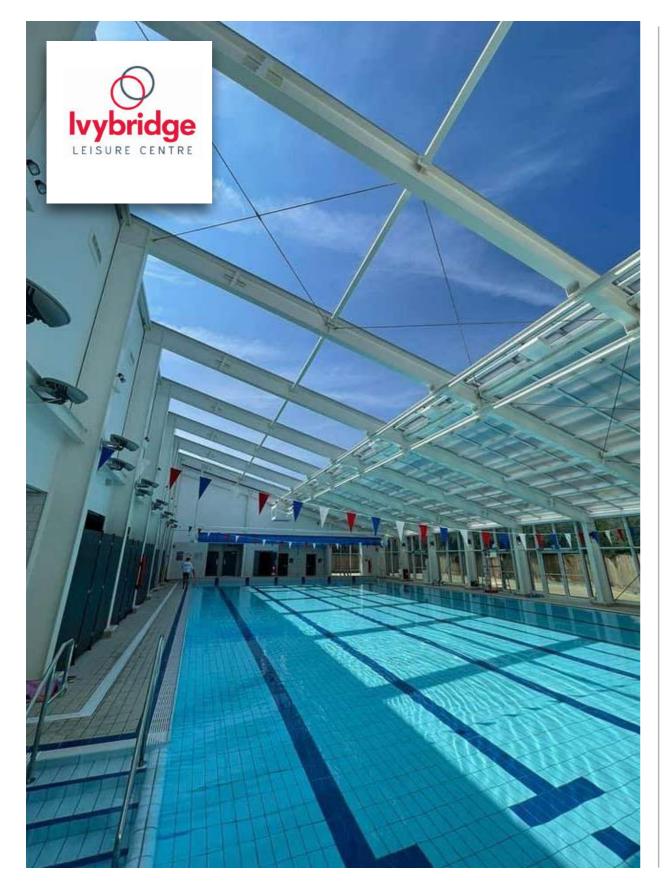
Listed are just a few of the many municipal projects that OpenAire has completed.

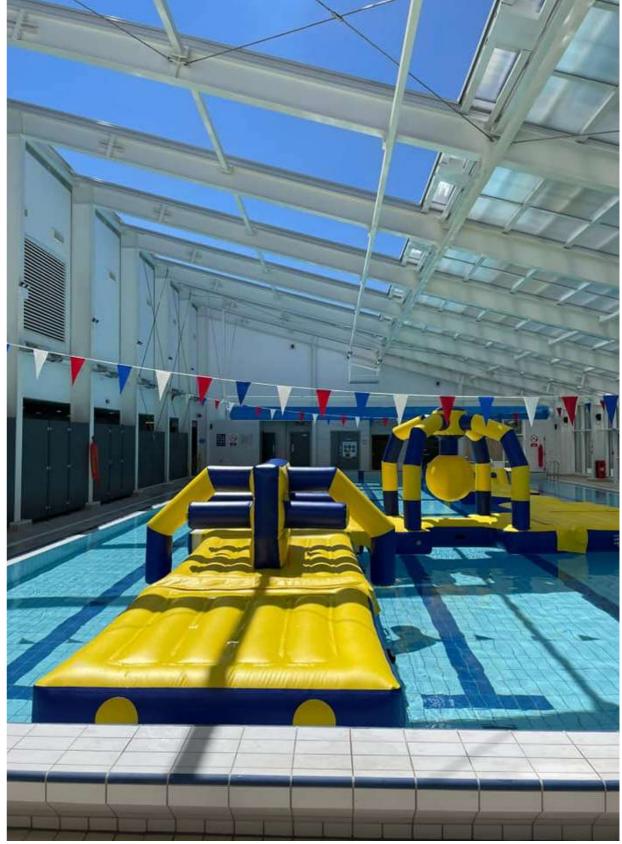
- Pocahontas Aquatic Center, Pocahontas, AR
 - Population 6,765
 - Aquatic Enclosure 13,400 sf
- Clarksville Aquatic Center, Clarksville, AR
 - Population 9,524
 - Aquatic Enclosure 14,000 sf
- Batesville Community & Aquatic Center, Batesville, AR
 - Population 10,740
 - Aquatic Enclosure 21,300 sf
- Paragould Community Center, Paragould, AR
 - Population 27,465
 - Aquatic Enclosure 13,300 sf
- Lompoc Aquatic Center, Lompoc, CA
 - Population 43,712
 - Aquatic Enclosure 23,000 sf
- Allan Witt Aquatics Complex, Fairfield, CA
 - Population 114,756
 - Aquatic Enclosure 13,500 sf

- Mike Shellito Indoor Pool, Roseville, CA
 - Population 132,671
 - Aquatic Enclosure 11,900 sf
- Epic Waters Waterpark, Grand Prairie, TX
 - Population 190,682
 - Aquatic Enclosure 62,000 sf
- Whitney Ranch Indoor Pool, Henderson, NV
 - Population 292,969
 - · Aquatic Enclosure 14,400 sf
- Dublin Park Recreation Center, Madison, AL
 - Population 42,938
 - Aquatic Enclosure 8,100 sf
- Roger Carter Community Center, Ellicott City, MD
 - Population 65,834
 - Aquatic Enclosure 13,000 sf

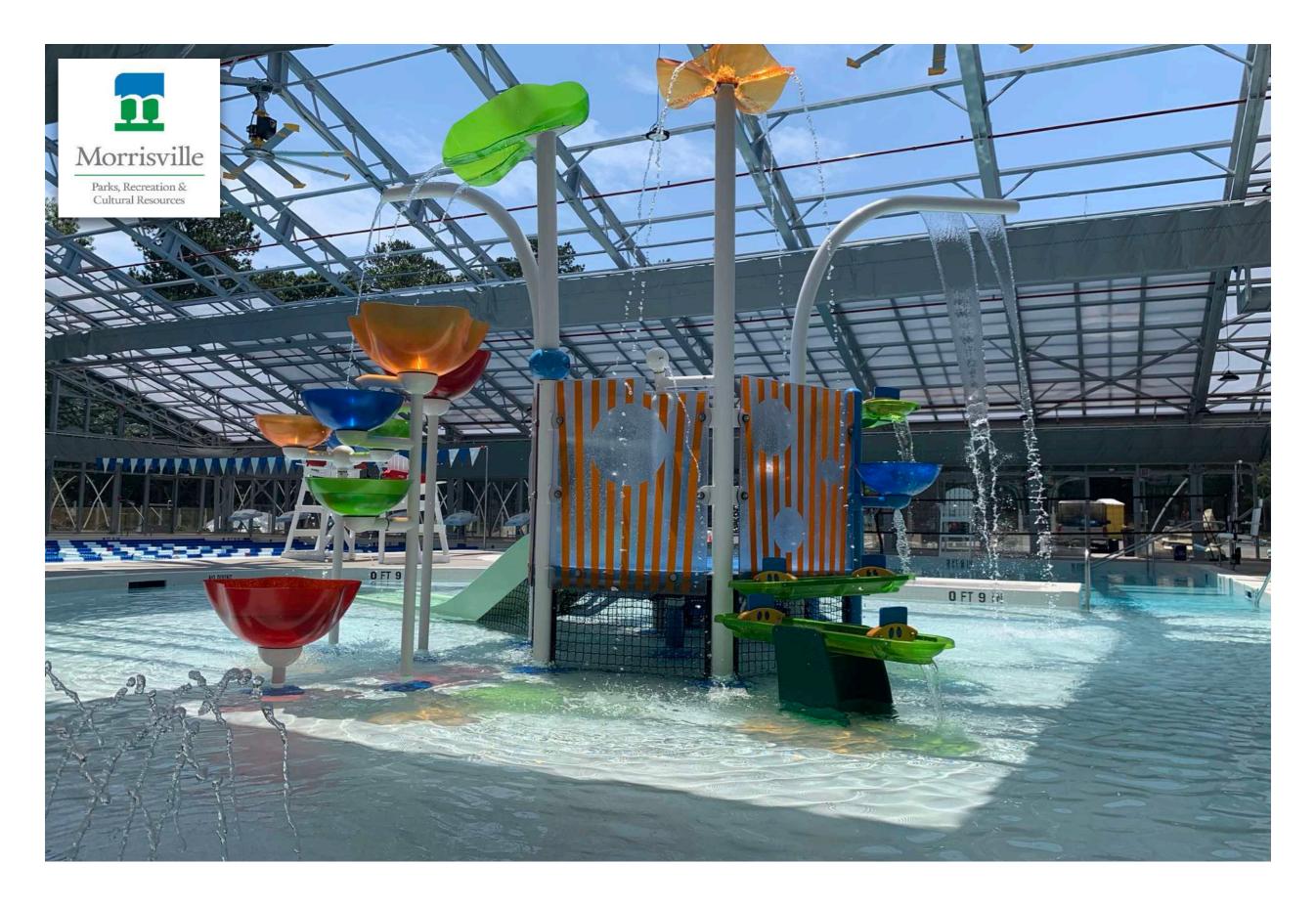


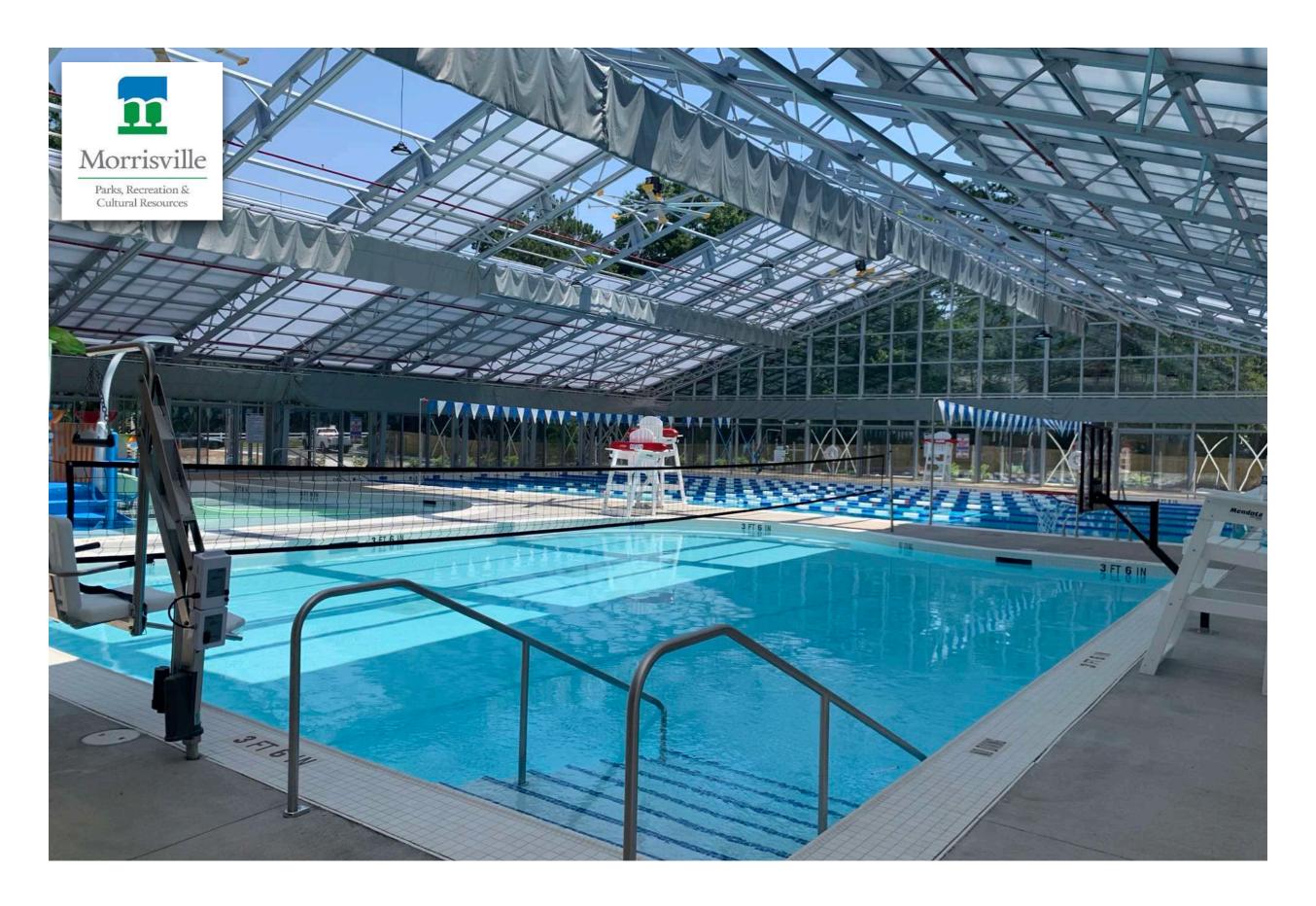






Ivybridge Leisure Center Ivybridge, UK



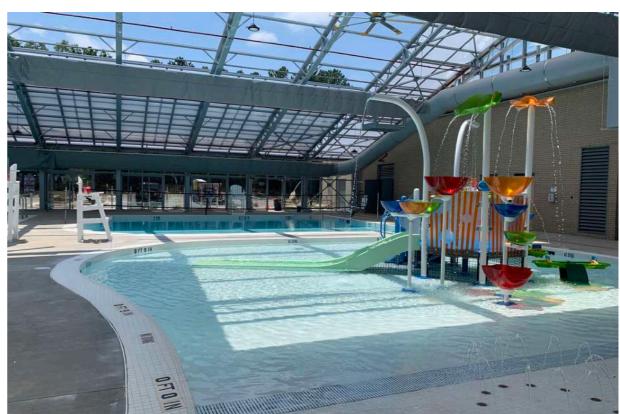




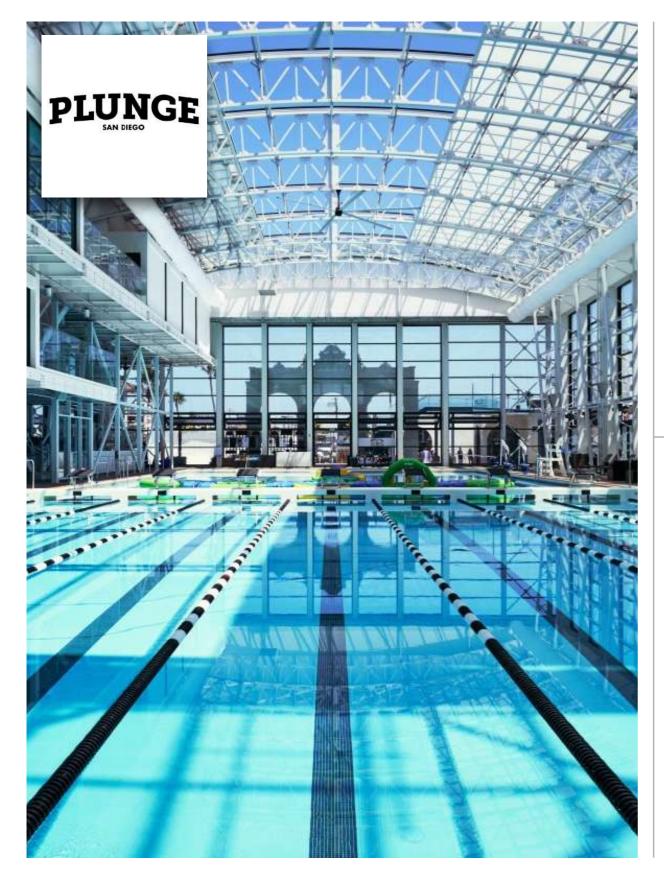




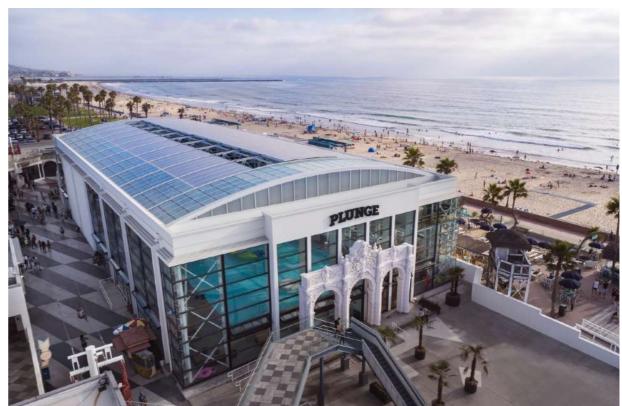




Morrisville Aquatic Center Morrisville, NC, USA







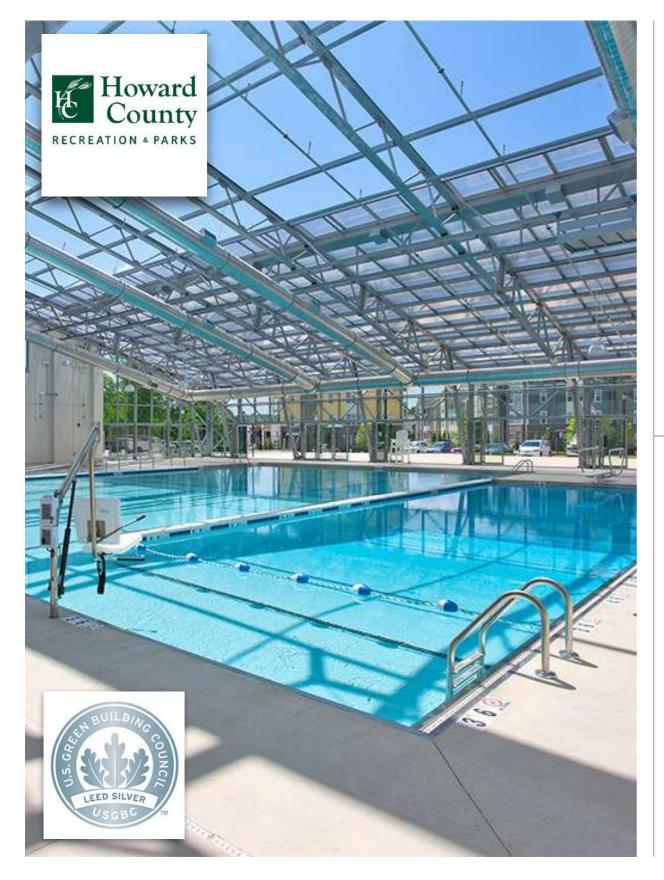
The Fit at Plunge Fitness Center San Diego, California







The Fit at Plunge Fitness Center San Diego, California







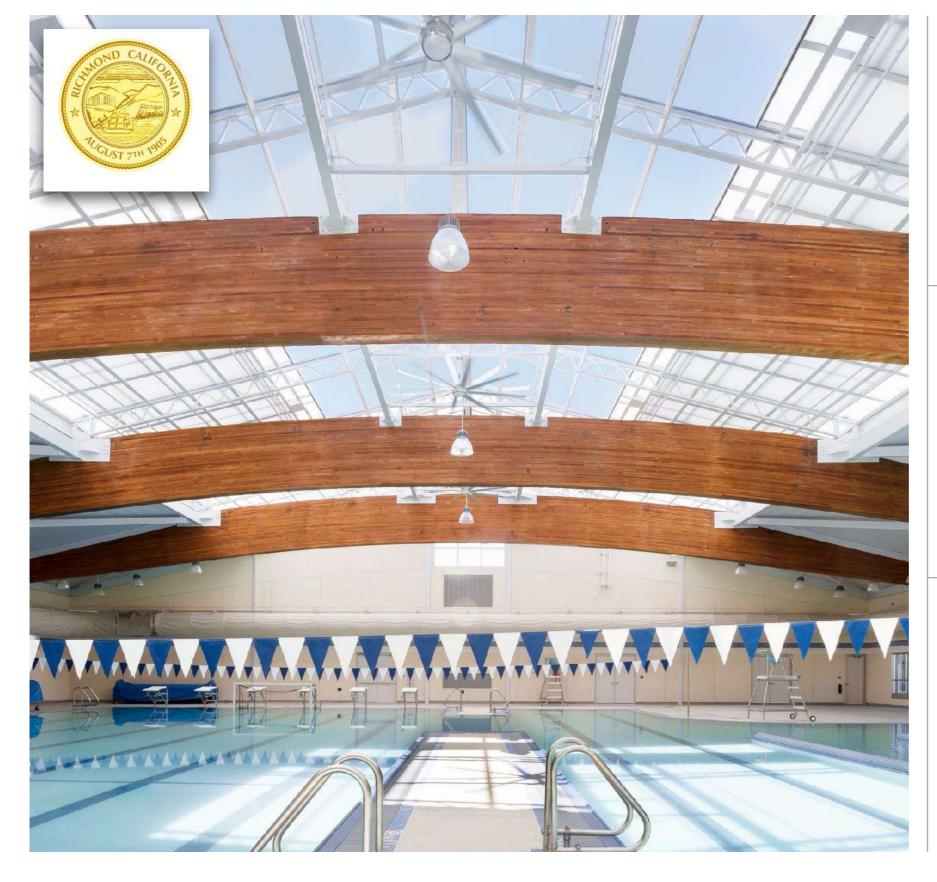
Roger Carter Community Center Ellicott City, MD



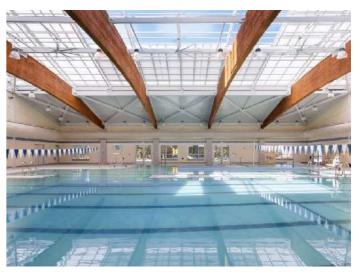




Batesville Community Center Batesville, Arkansas

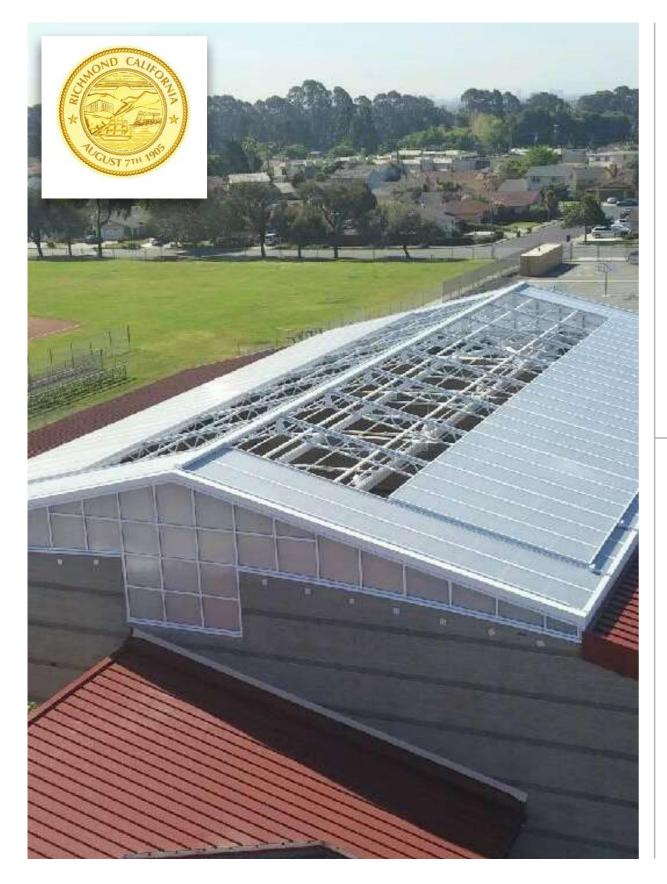








Richmond Swim Center Richmond, California







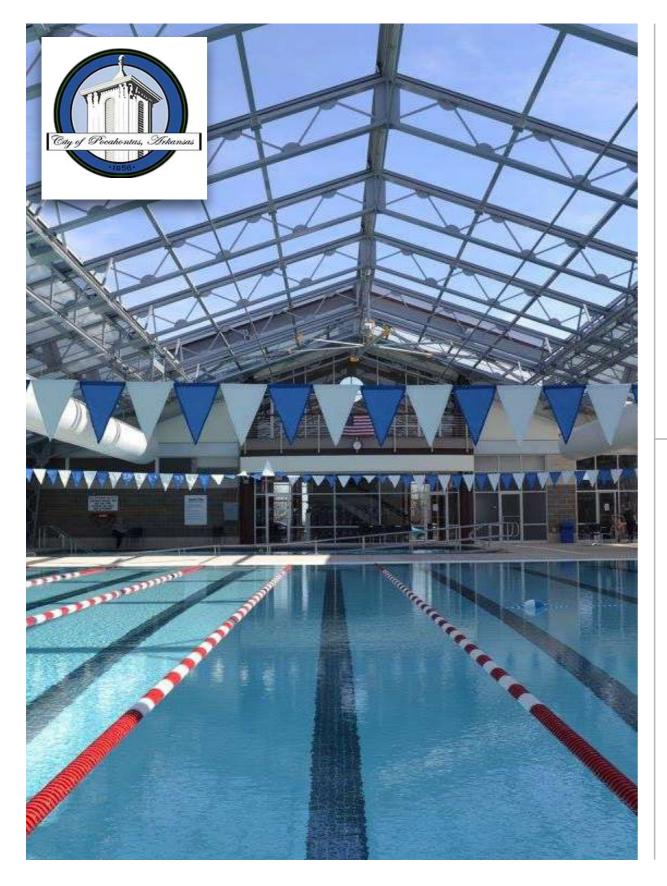
Richmond Swim Center Richmond, California







Boys & Girls Club Dorchester Dorchester MA







Pocahontas Aquatic Center Pocahontas, Arkansas

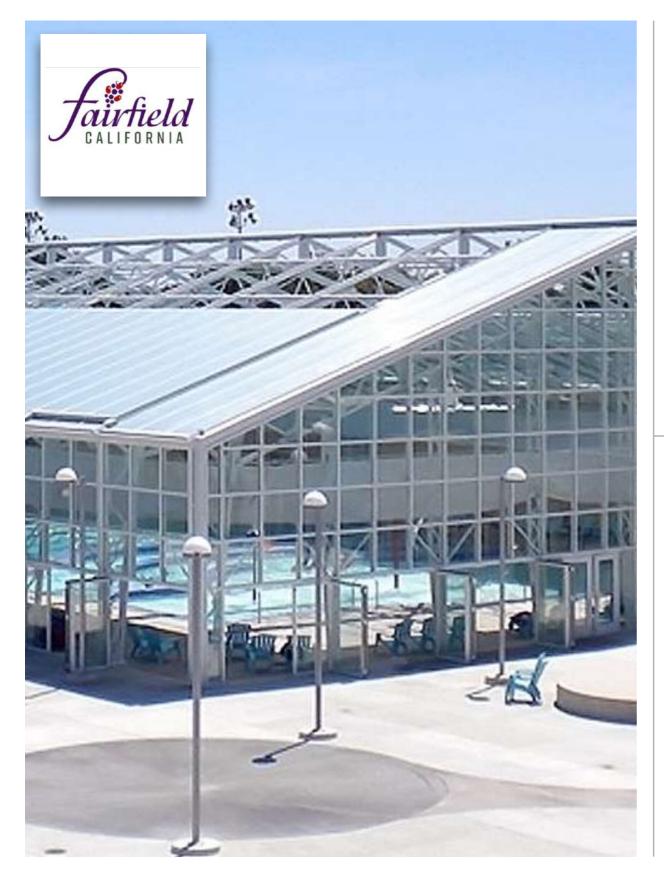








Aqua Vale Swimming & Fitness Centre Aylesbury, UK







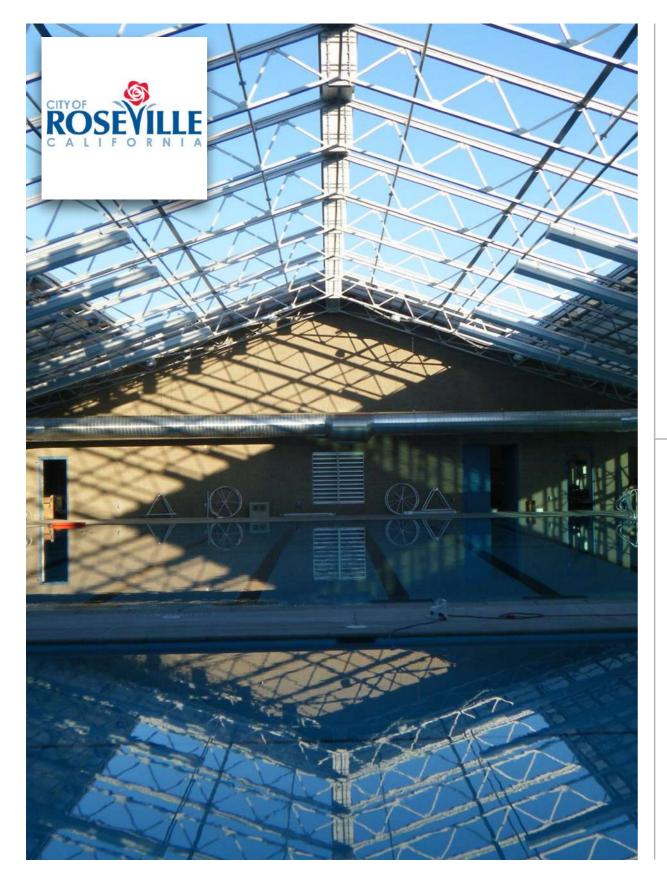
Allan Witt Aquatic Complex Fairfield, California







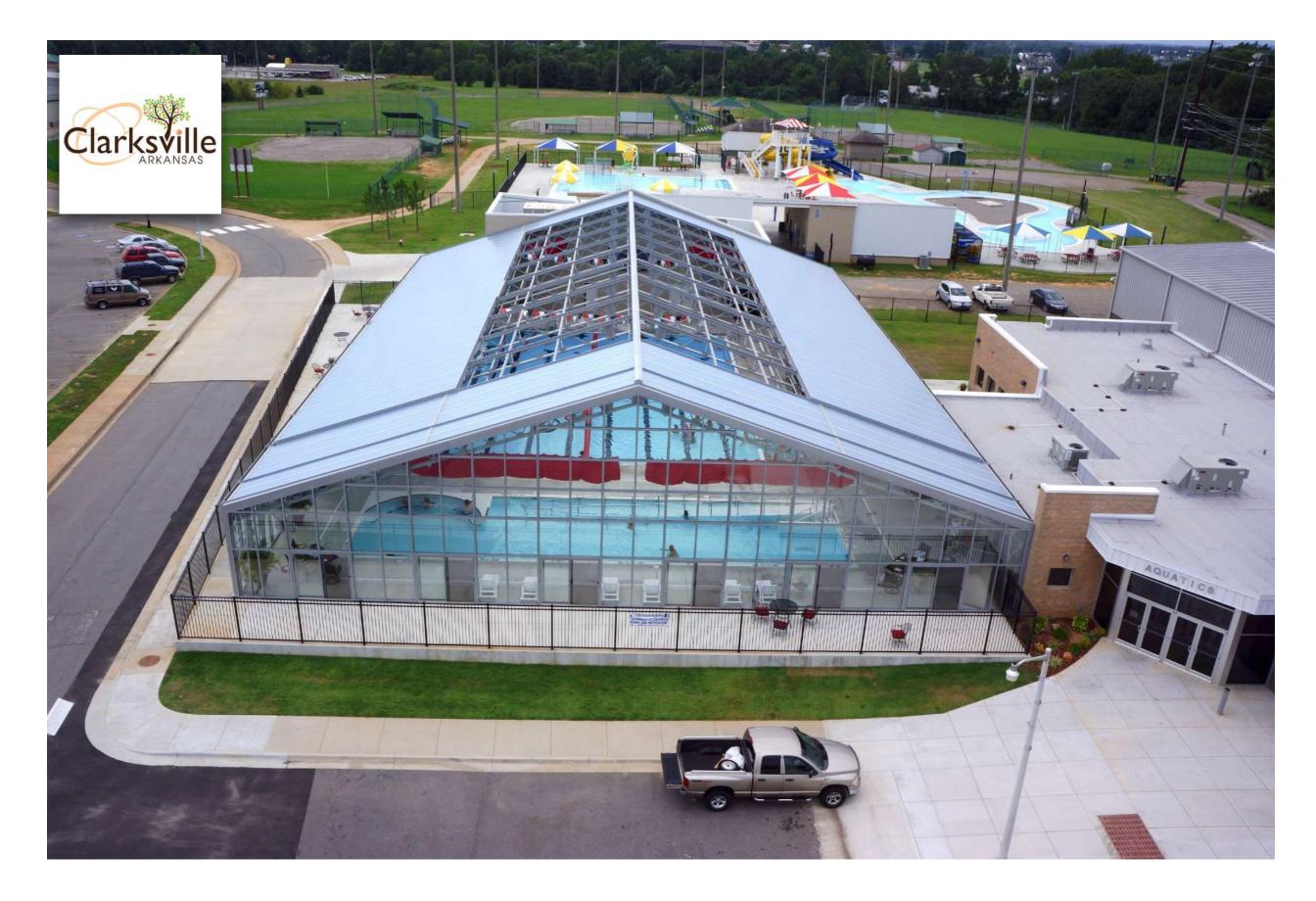




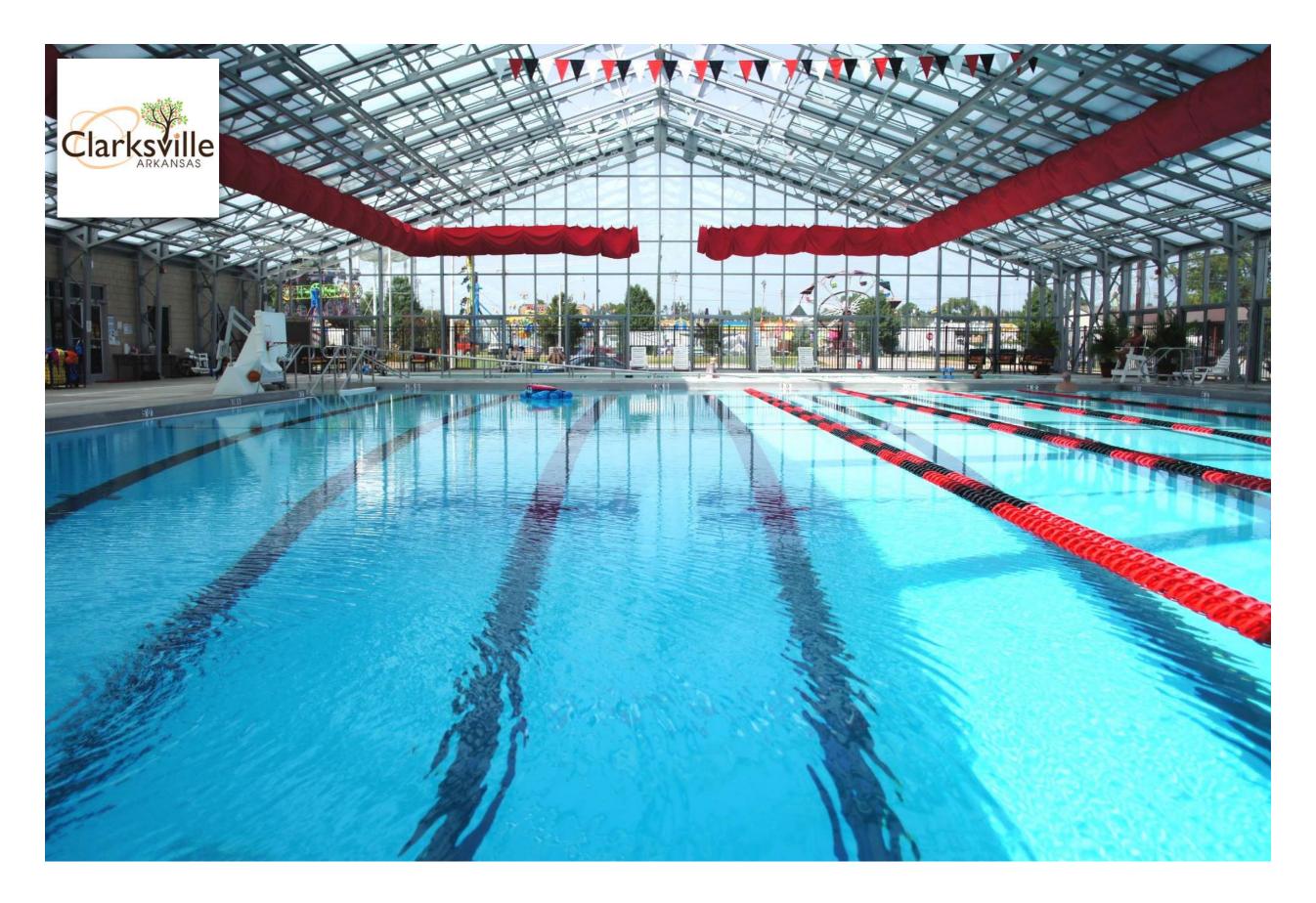




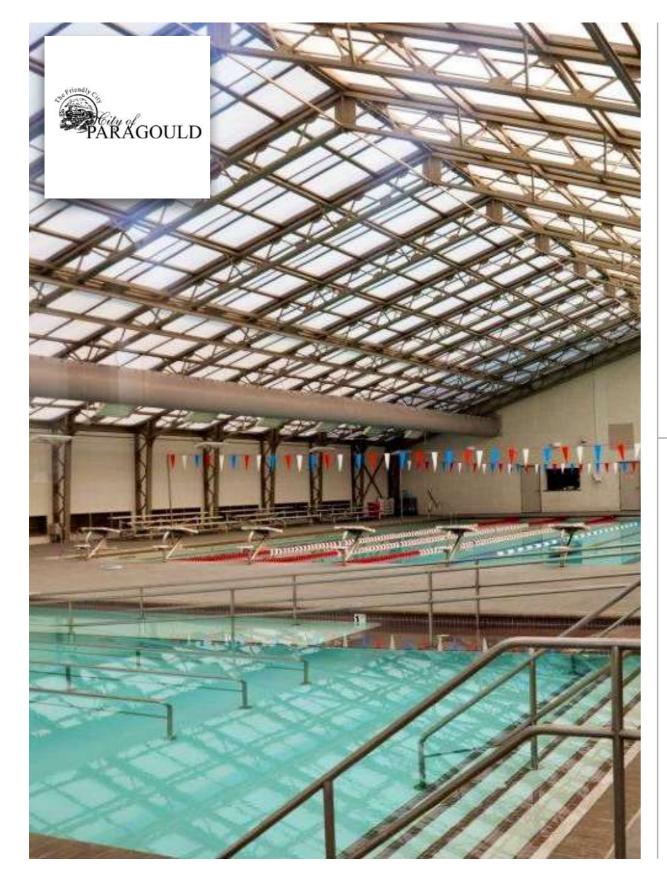
Mike Shellito Indoor Pool & Central Park Fitness Center Roseville, California



Clarksville Aquatic Center Clarksville, AR











Paragould Community Center, Paragould, AR



YMCA



YMCA Locations

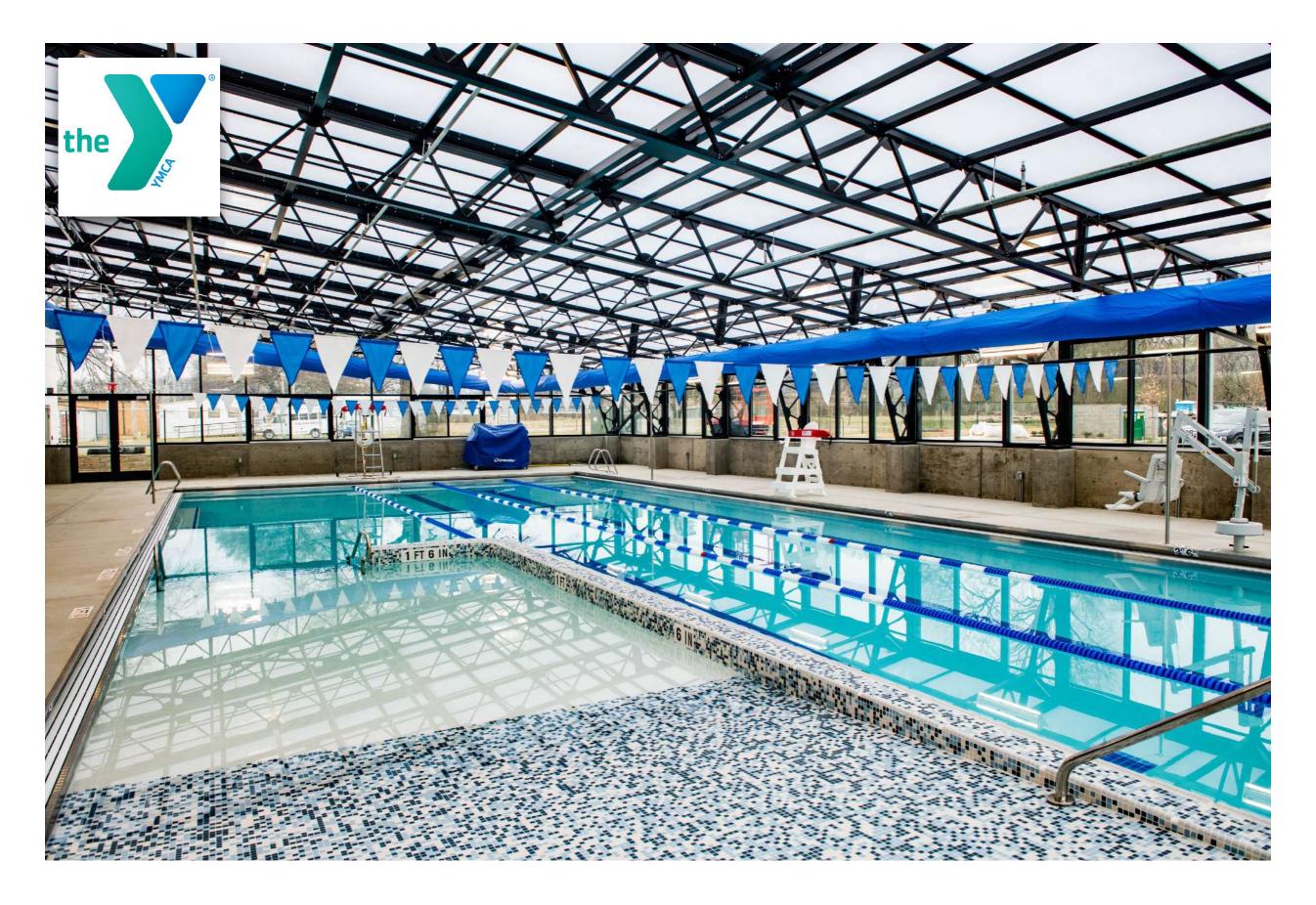


Listed are just a few of the YMCA projects that OpenAire has completed. For projects & communities of all sizes.

- NEW: Georgette and Cato Johnson YMCA. Whitehaven, TN
 - Population 50,000
 - · Aquatic Enclosure 18,800 sf
- · Roy Blunt YMCA of Bolivar, Bolivar, MO
 - Population 10,325
 - Aquatic Enclosure 18,800 sf
- Clark County Family YMCA, Vancouver, WA
 - Population 161,791
 - Aquatic Enclosure 6,500 sf
 - · (1 of 2 enclosures for Clark County YMCA)
- Woodruff Family YMCA, Milford, CT
 - Population 51, 271
 - Aquatic Enclosure 18,500 sf
- · Chasco Family YMCA, Round Rock, Texas
 - Population 120,892
 - Aquatic Skylight 3,000 sf
- Salinas Aquatic Center, Salinas, CA
 - Population 150,441
 - Aquatic Enclosure 11,000 sf

- YMCA of San Diego County:**
 - Copley-Price Family YMCA, San Diego, CA
 - Population 1.4 m
 - · Aquatic Enclosure 6,900 sf
 - · Magdalena Ecke Family YMCA, Encinitas, CA
 - Population 63,131
 - Aquatic Enclosure 14,100 sf
 - · McGrath Family YMCA, Spring Valley, CA
 - Population 28,205
 - Aquatic Enclosure 8,100 sf
 - Mission Valley YMCA, San Diego, CA
 - Population 1.4 m
 - Aquatic Enclosure 7,400 sf
 - Original Enclosure plus later expansion
 - · Toby Wells YMCA, San Diego, CA
 - Population 1.4 m
 - · Aquatic Enclosure 11,600 sf

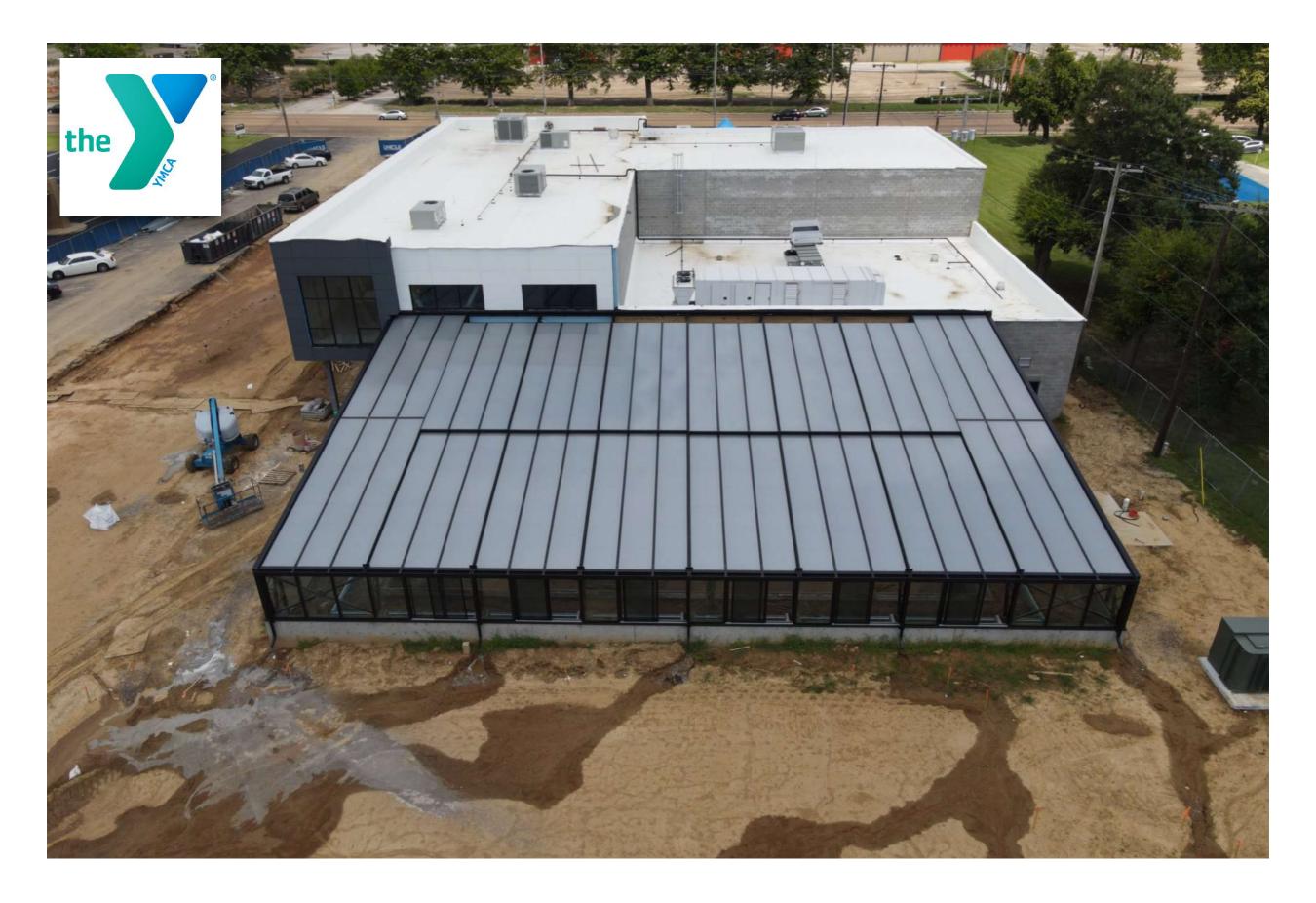
^{**} There are 17 YMCA locations within the San Diego County YMCA group



Georgette and Cato Johnson YMCA Whitehaven, Memphis, TN



Georgette and Cato Johnson YMCA Whitehaven, Memphis, TN



Georgette and Cato Johnson YMCA Whitehaven, Memphis, TN

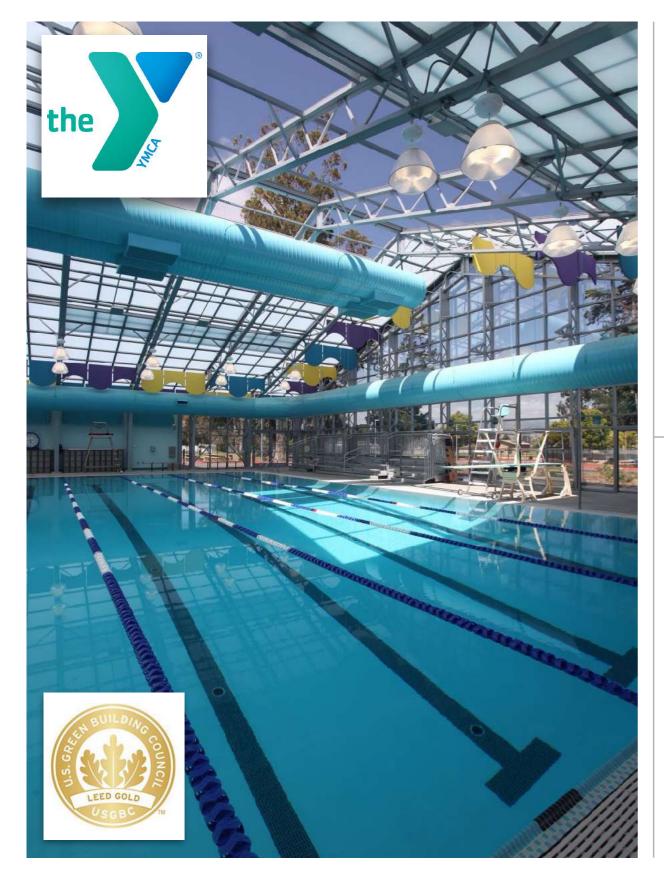








Salinas Aquatic Center Fresno, California







Salinas Municipal Aquatic Center Fresno, California







Scheu Family YMCA of Upland Upland CA

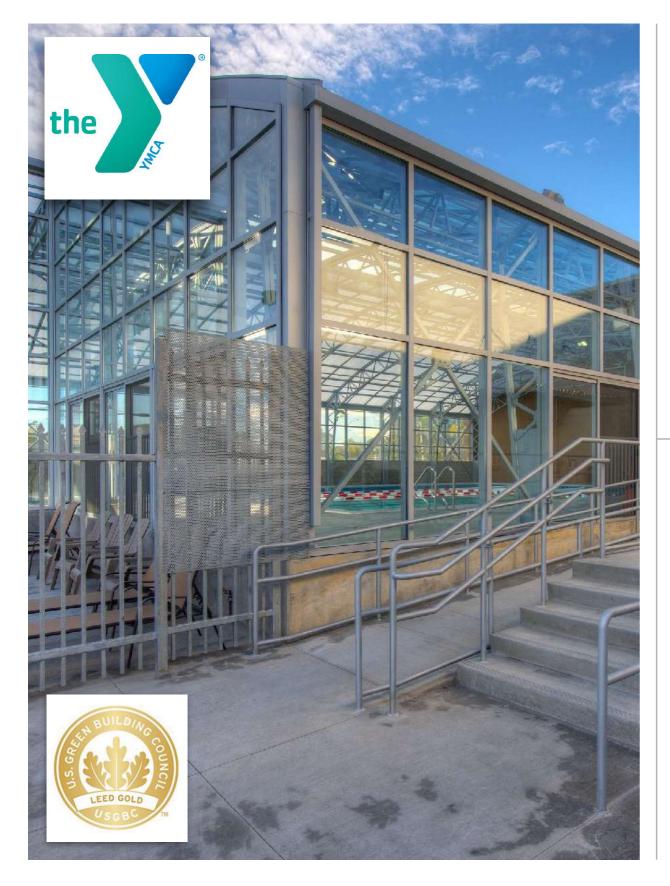










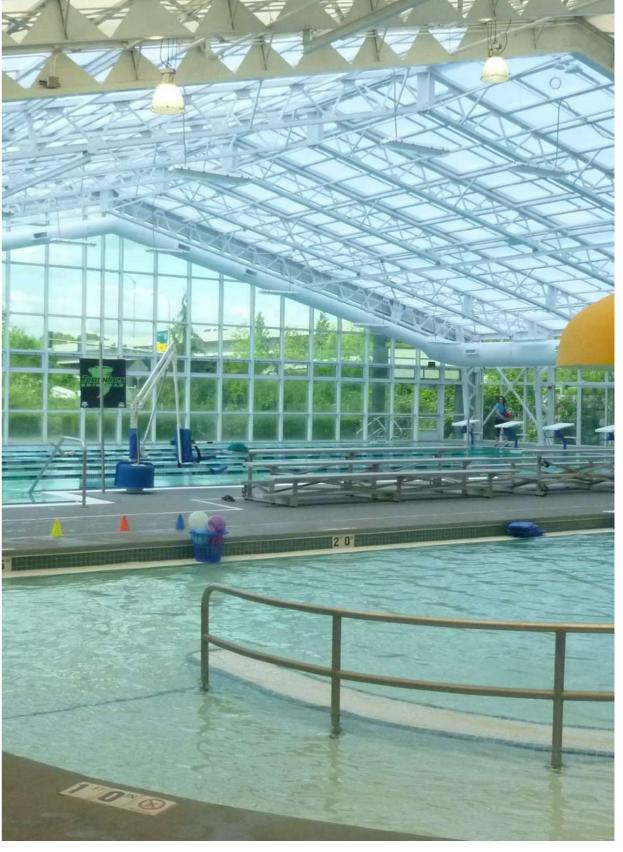




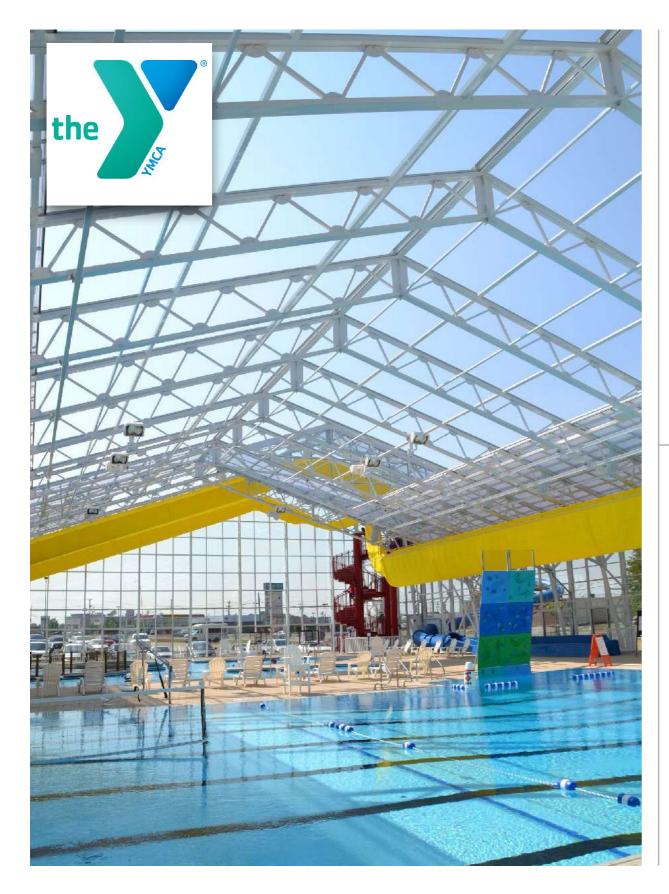


Copley-Price Family YMCA San Diego, California

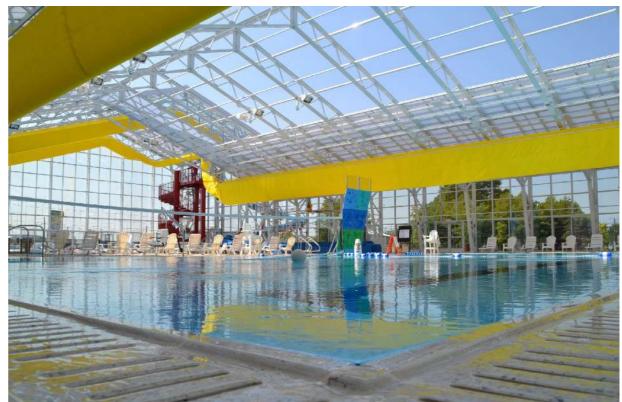




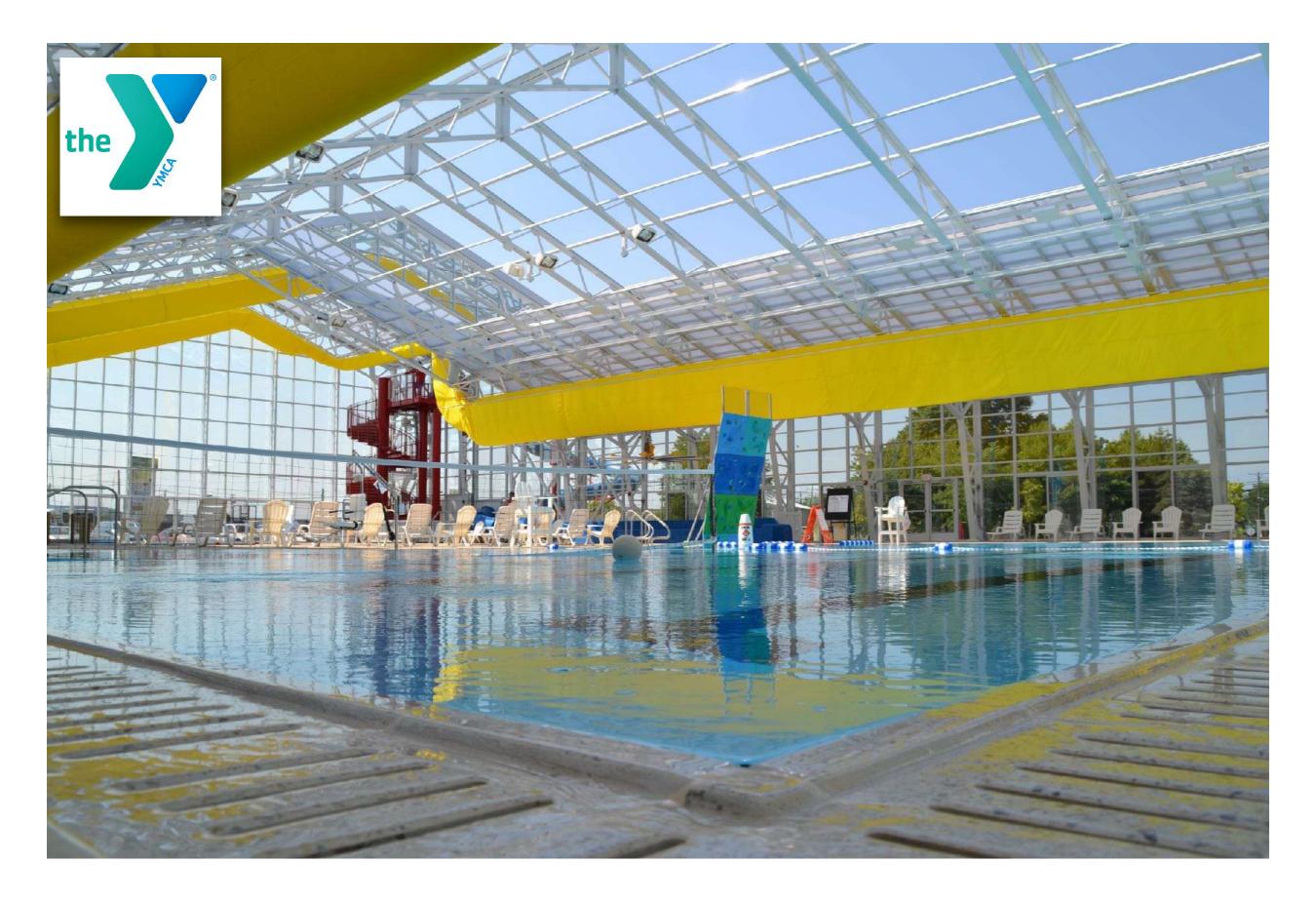
Clark County Family YMCA Vancouver, WA



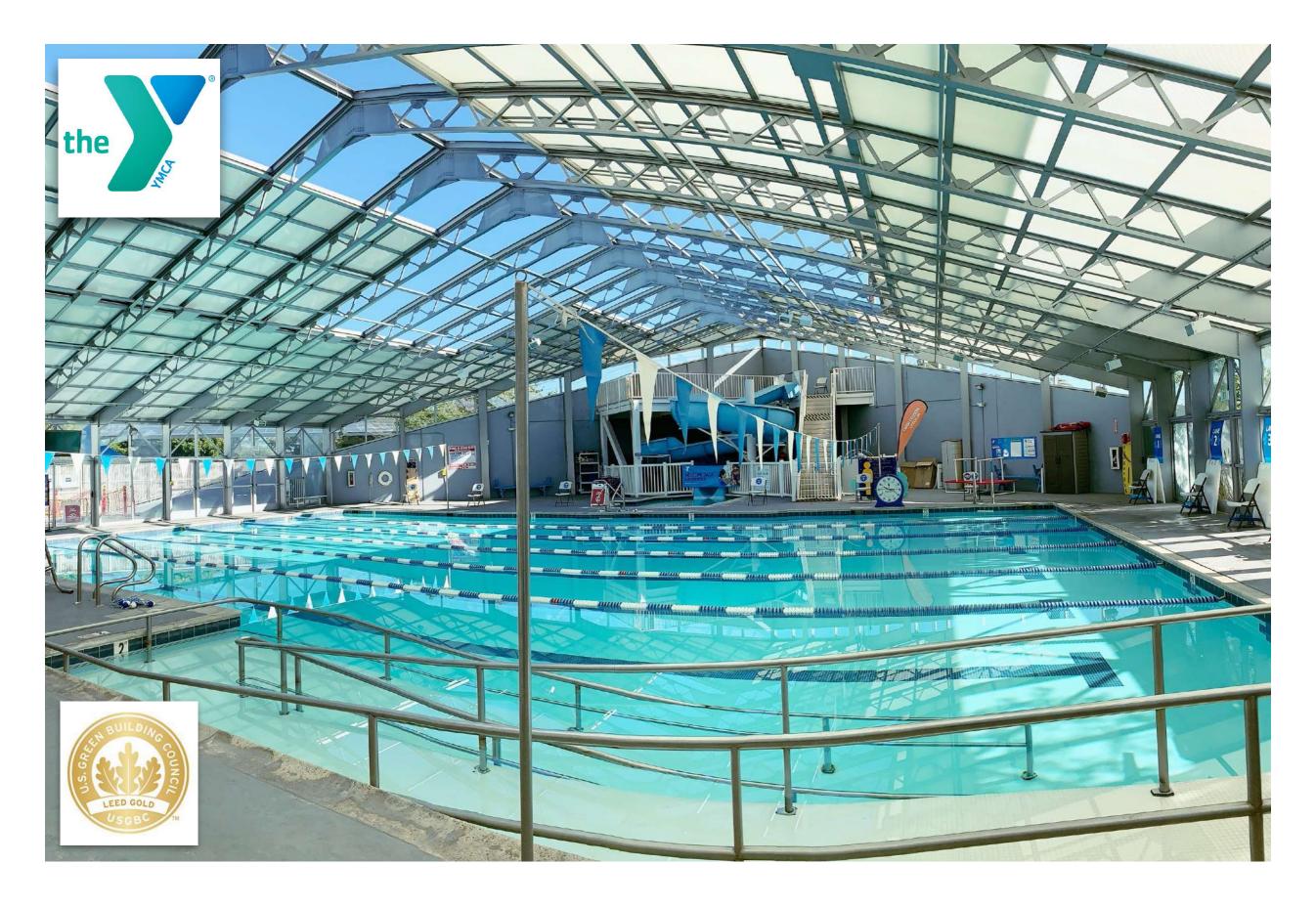


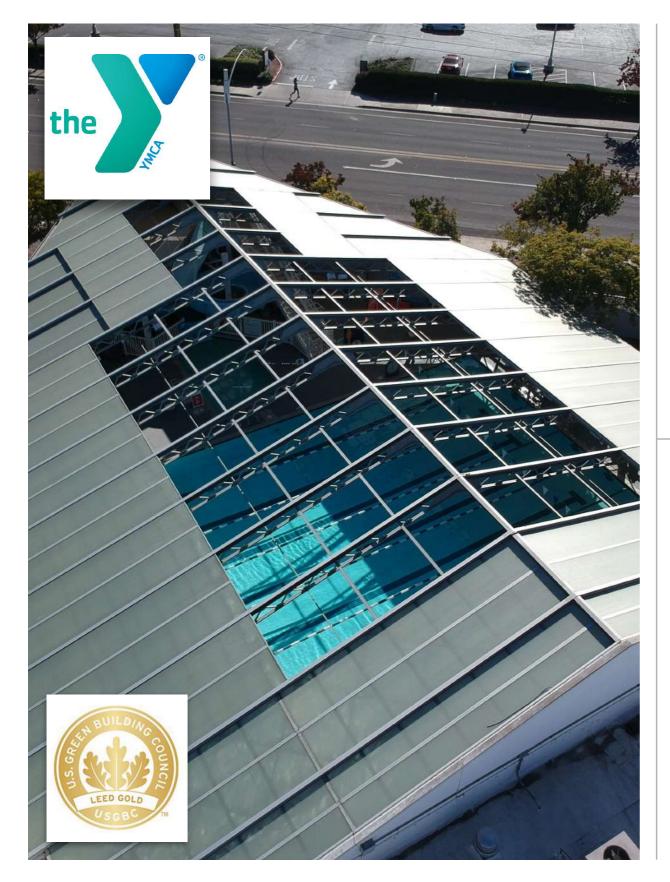


Roy Blunt YMCA of Bolivar Bolivar, MO



Roy Blunt YMCA of Bolivar Bolivar, MO

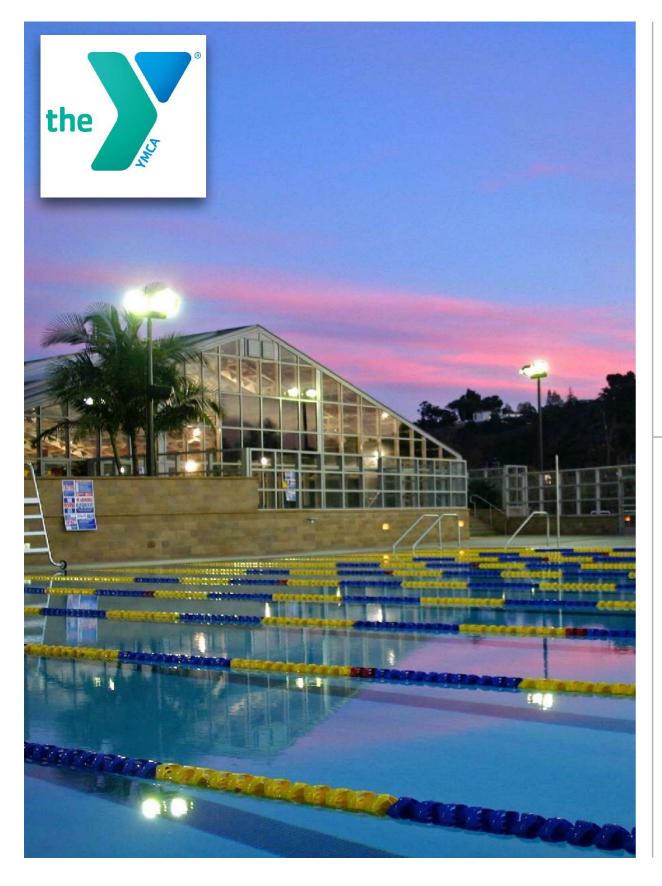


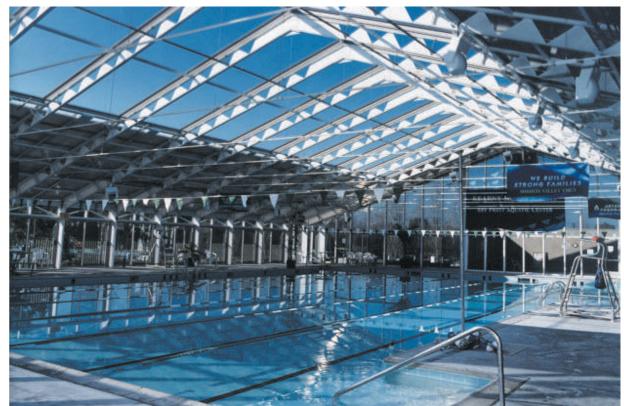






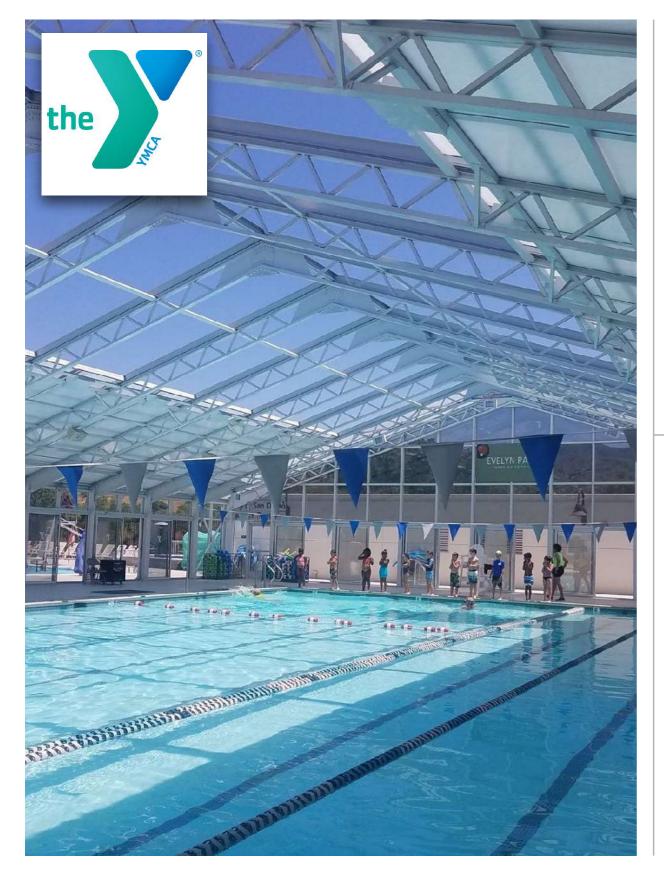
Toby Wells YMCA San Diego, California







Mission Valley YMCA San Diego, California



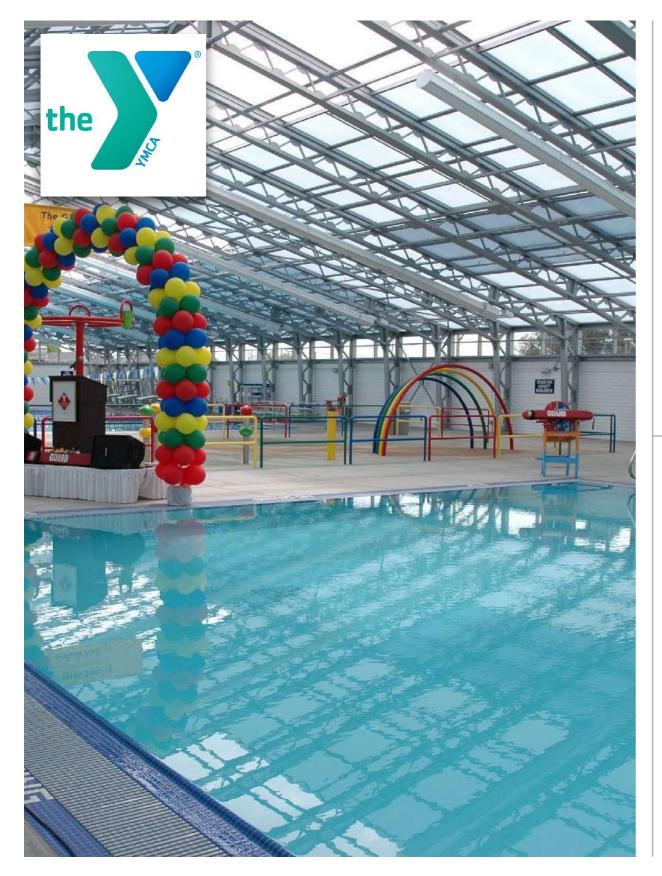




McGrath Family YMCA San Diego, California



Magdalena Ecke Family YMCA Encinitas, CA







Magdalena Ecke Family YMCA Encinitas, CA











Woodruff Family YMCA Milford, CT





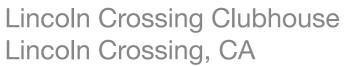


Chasco Family YMCA Round Rock, TX

Health & Sport (Private)







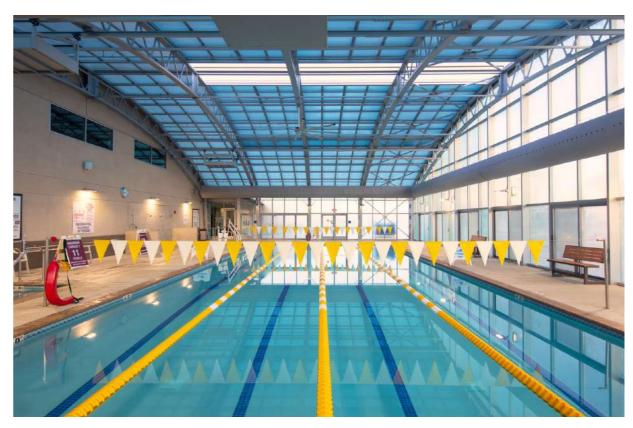












Lincoln Crossing Clubhouse Lincoln Crossing, CA

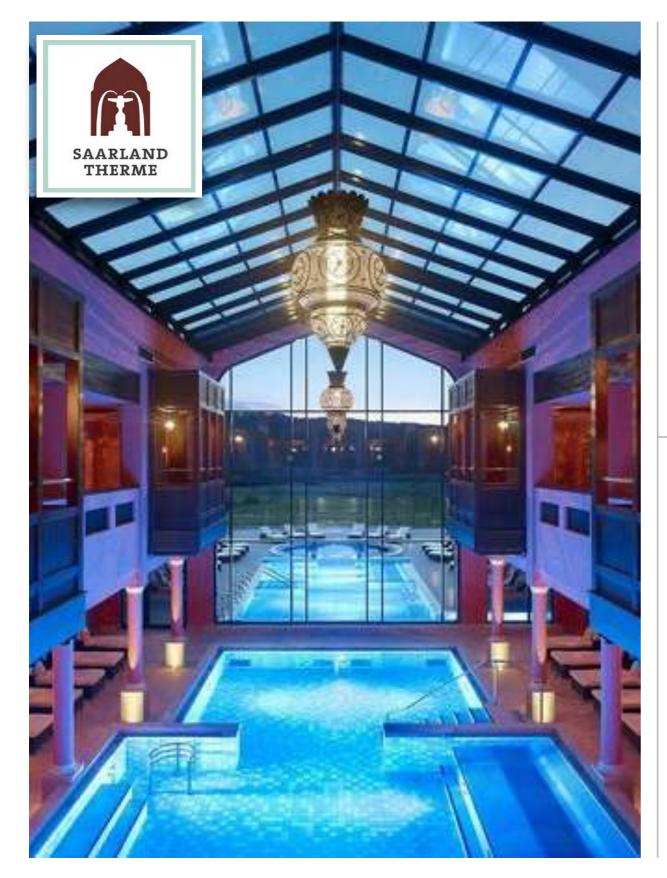








Saarland Therme Resort, Fitness, Spa Rilchingen, Germany







Saarland Therme Resort, Fitness, Spa Rilchingen, Germany

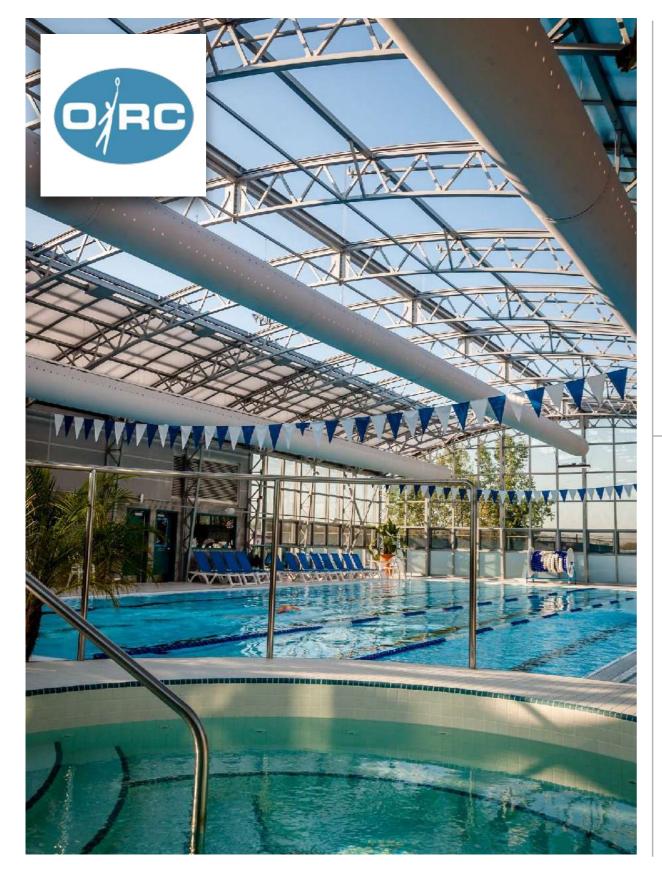








Ontario Racquet Club : Private Members Club Oakville, Ontario, Canada







Ontario Racquet Club : Private Members Club Oakville, Ontario, Canada

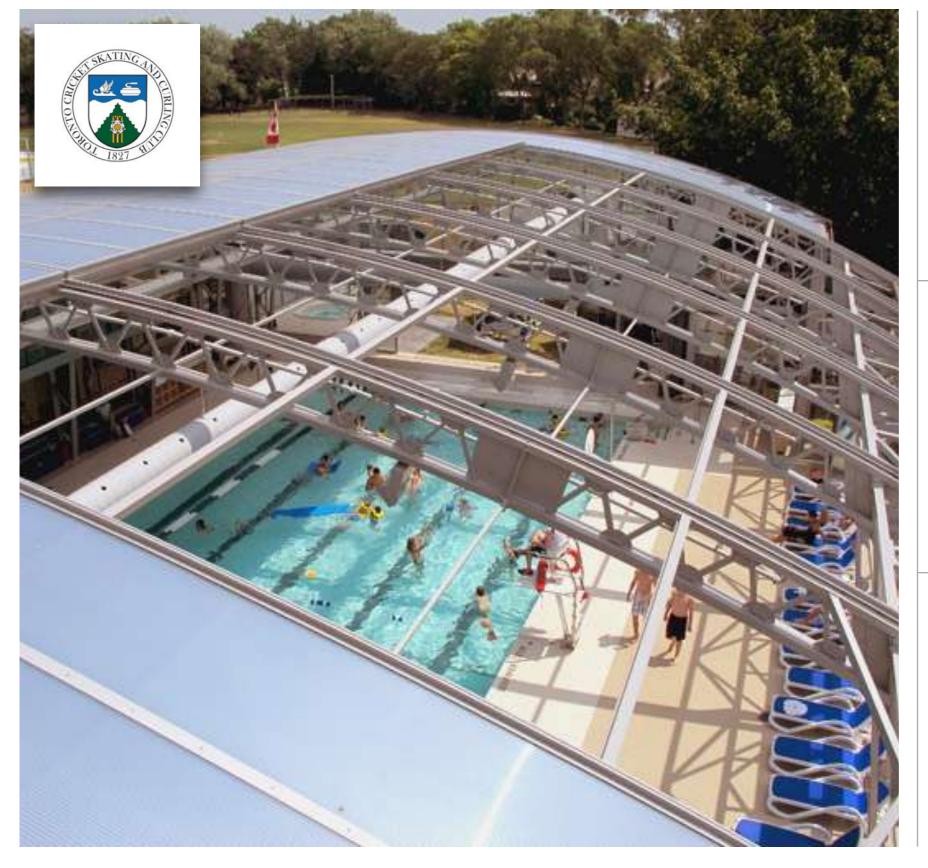








Stock Brook Manor: Private Members Club Essex, UK









The Cricket Club: Private Members Club
Toronto, Ontario, Canada

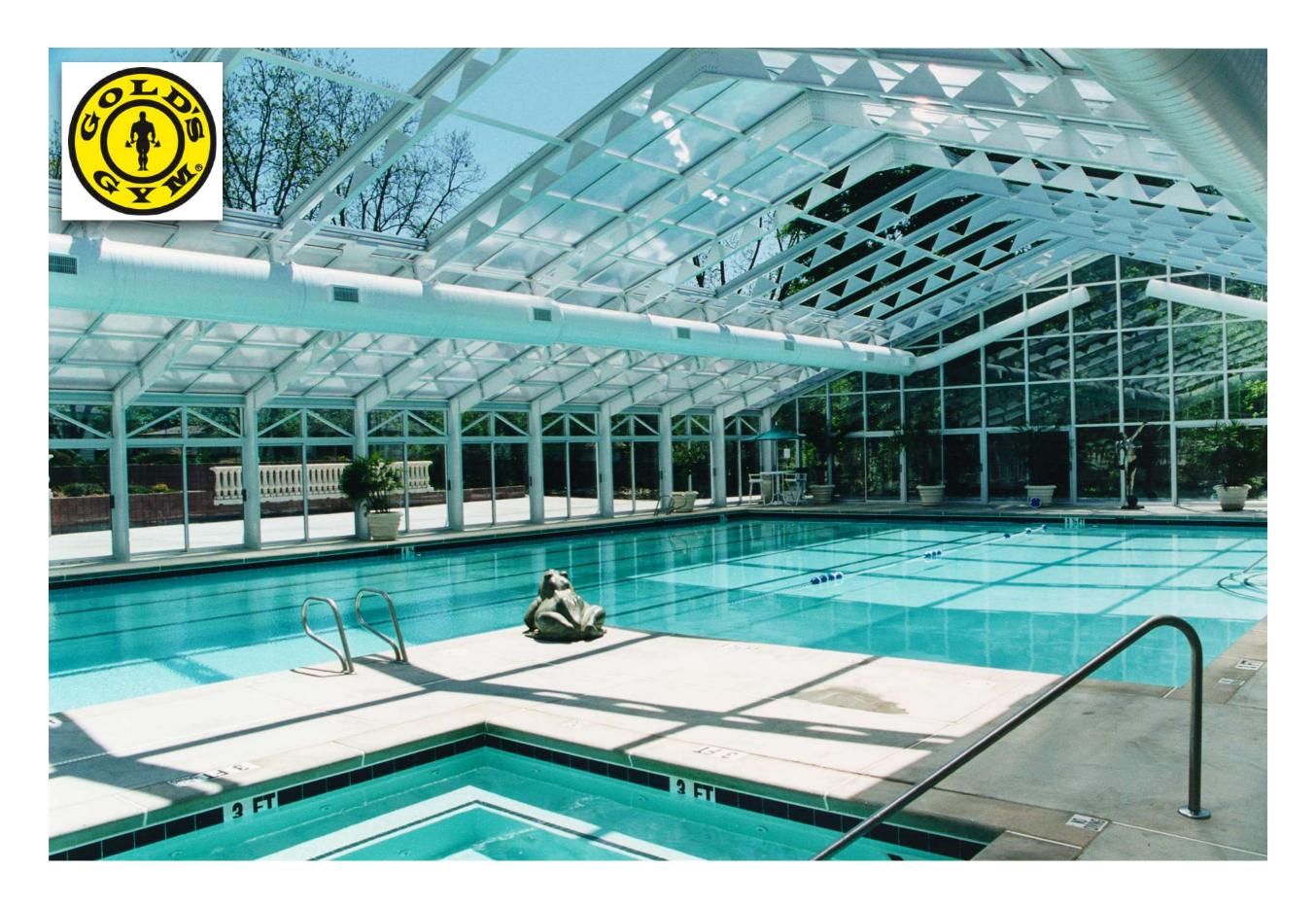


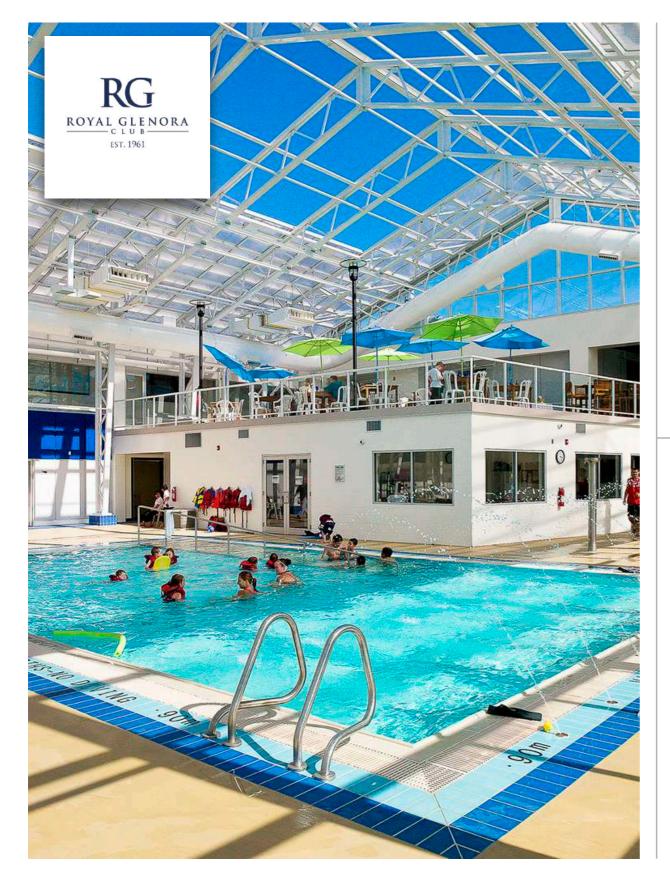






The Granite Club: Private Members Club Toronto, Ontario, Canada

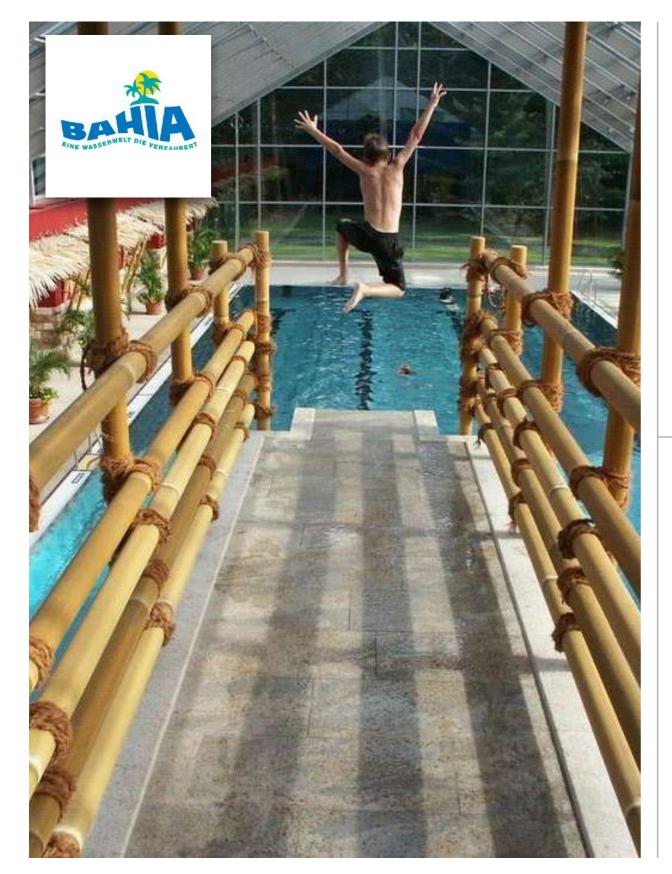








Royal Glenora Health Club Edmonton, Alberta







Inselbad Bahia Bolchod, Germany

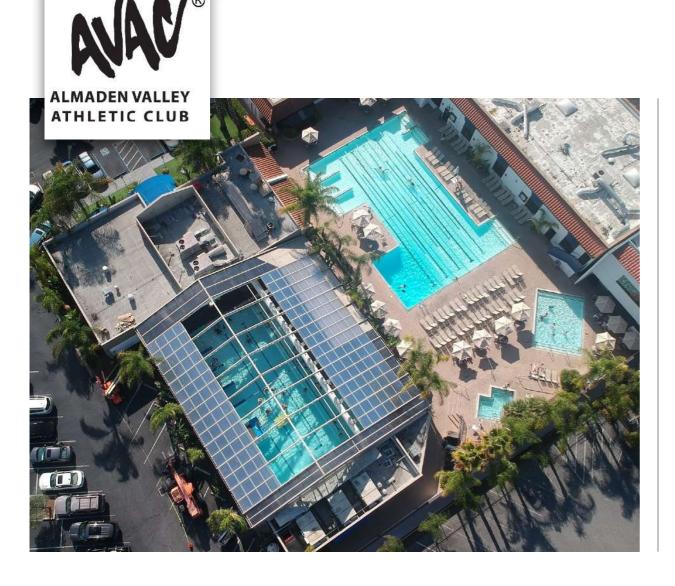








Hockessin Athletic Club & Wellness Center Hockessin, Delaware

















The Country Club at Woodmoor Monument, Colorado







Wilson's Fitness Centre Columbia Missouri

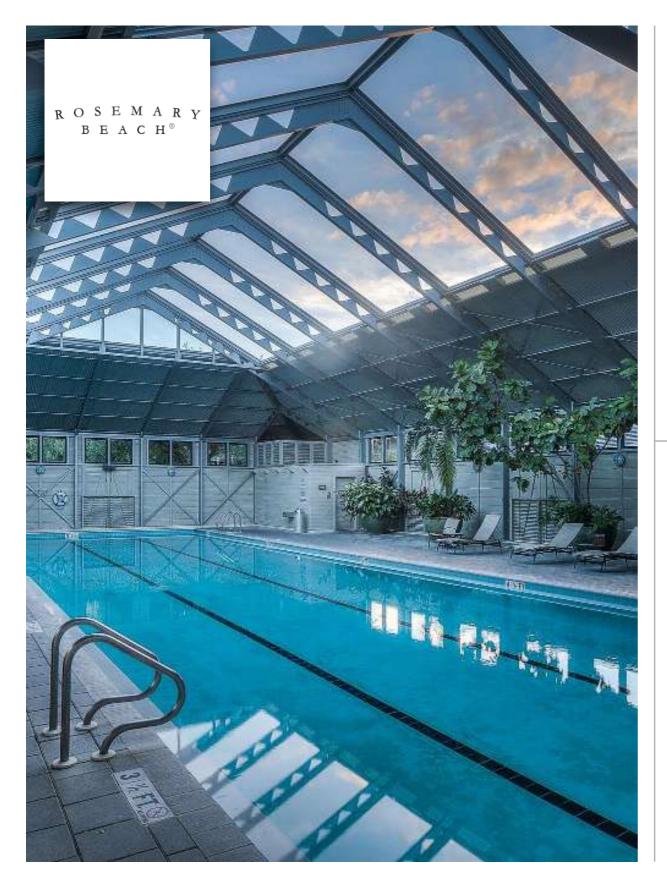








The Rivington Club
Danbury CT



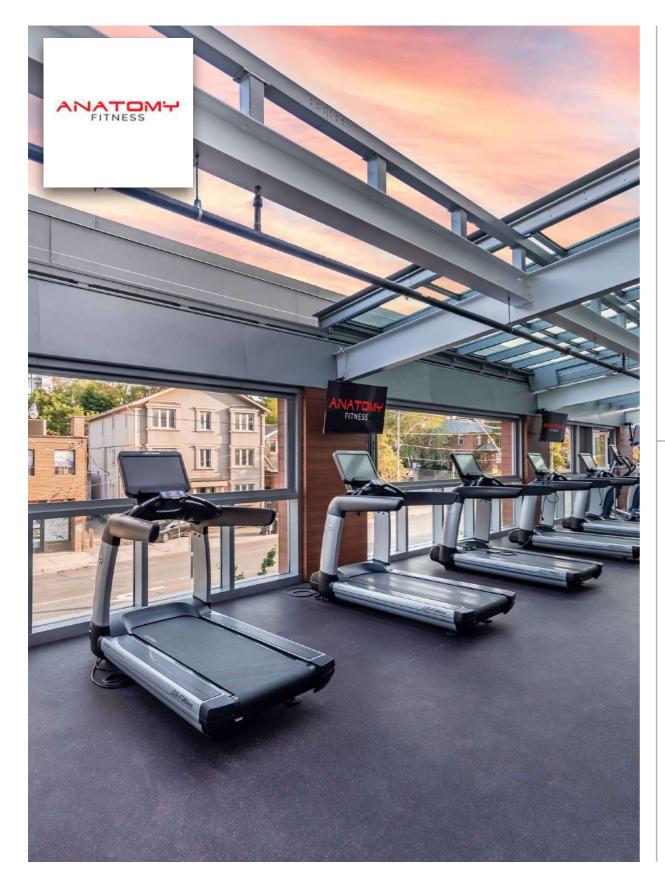




Rosemary Beach Clubhouse Panama City, Florida

Athletic Non Aquatic

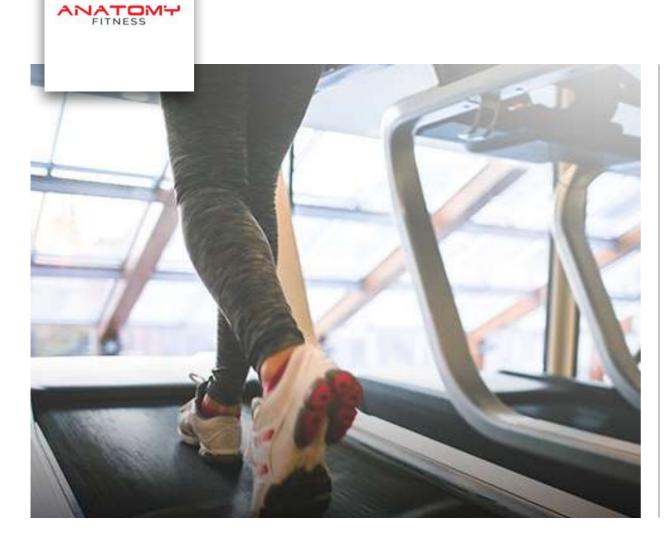






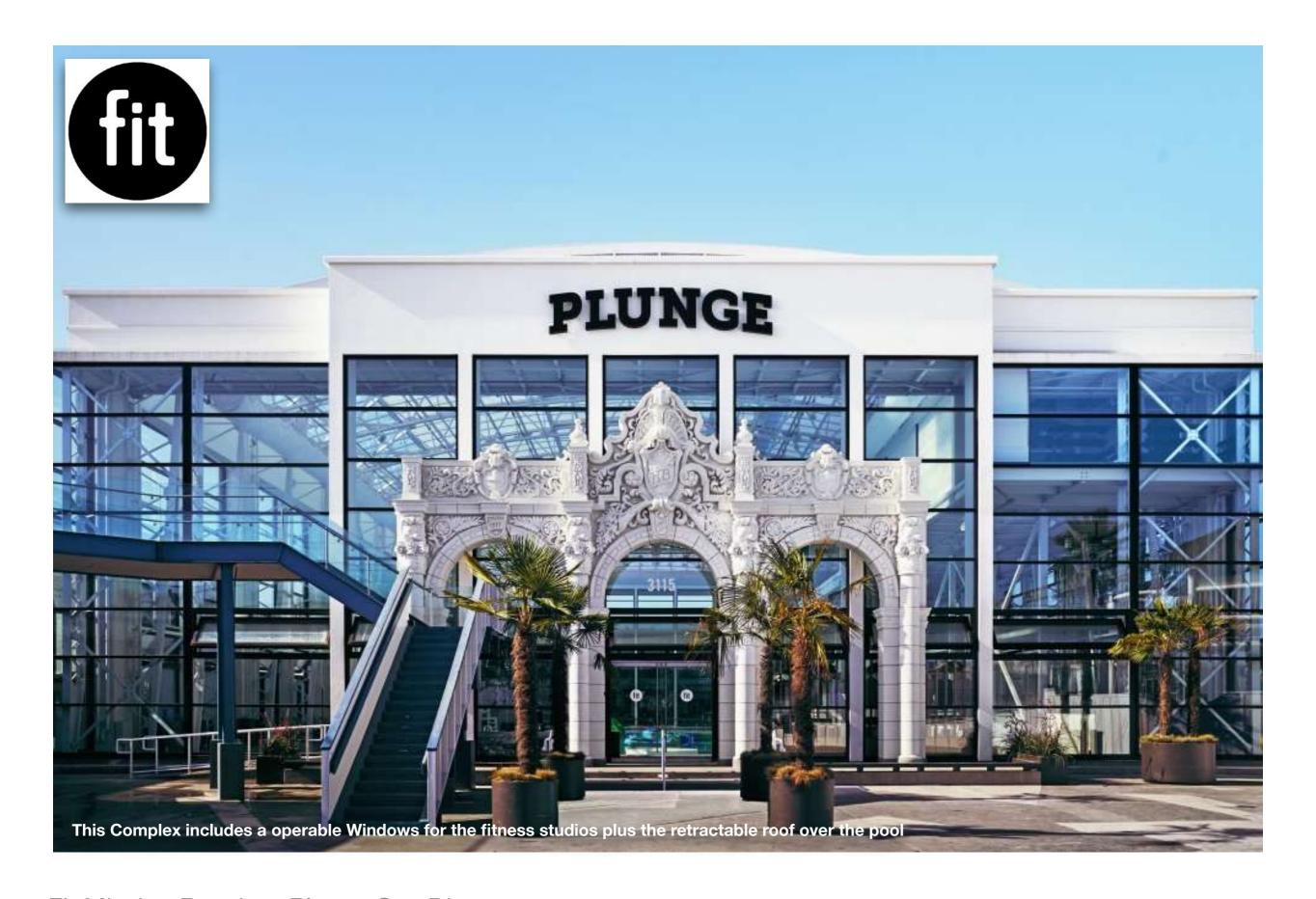


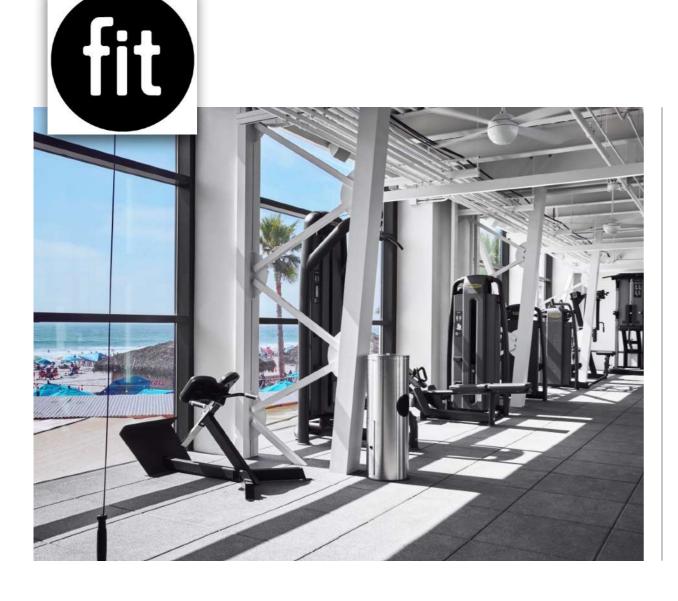
Anatomy Fitness: 3080 Yonge St Toronto, Ontario



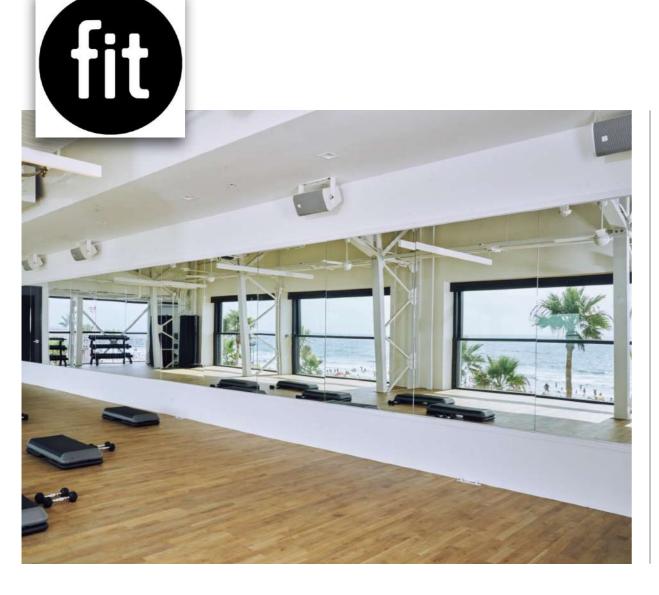


Anatomy Fitness: 3080 Yonge St Toronto, Ontario

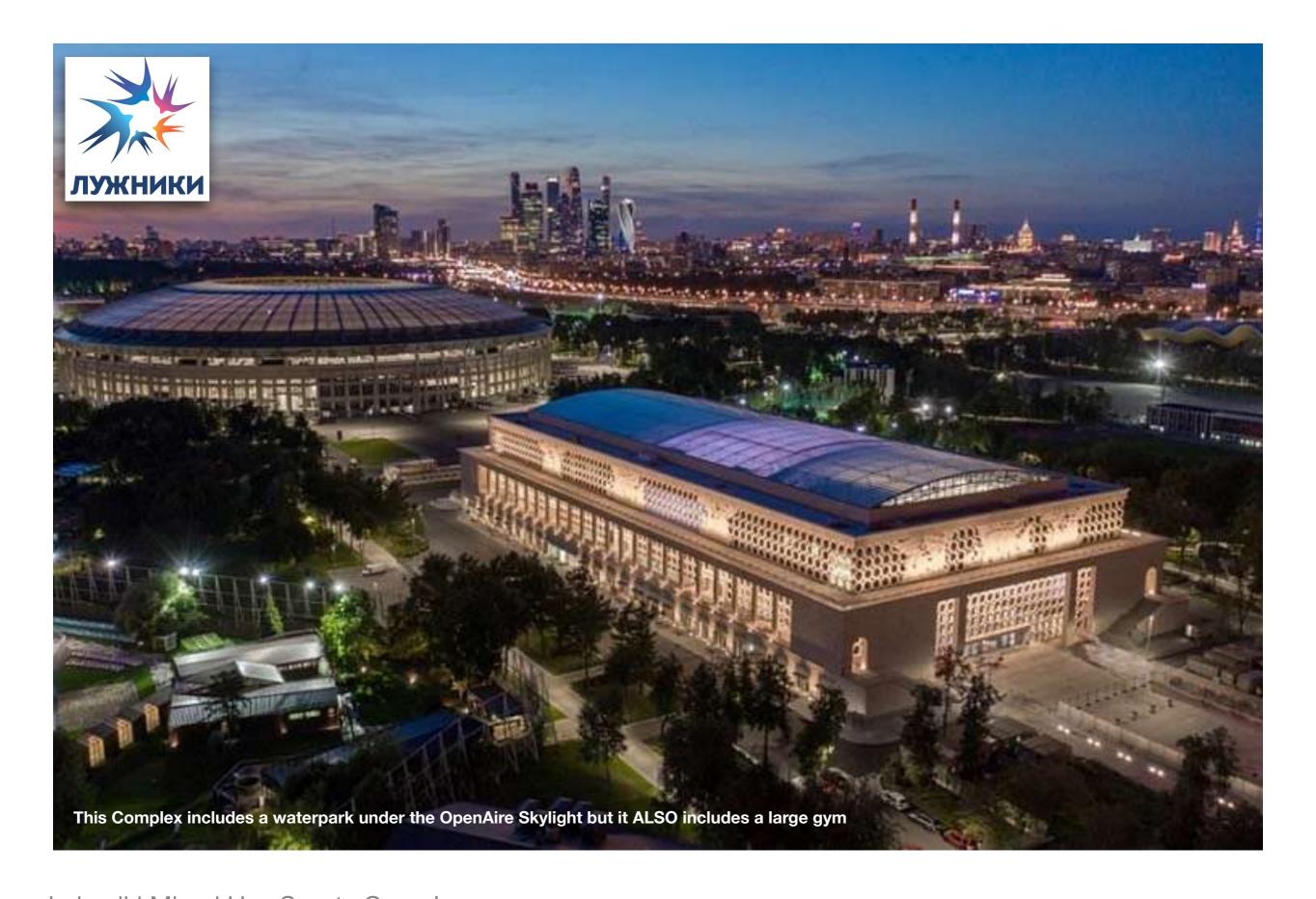














Luhzniki Mixed Use Sports Complex Moscow, Russia







Luhzniki Mixed Use Sports Complex Moscow, Russia









Sports Viewing Complex United Arab Emirates (UAE)







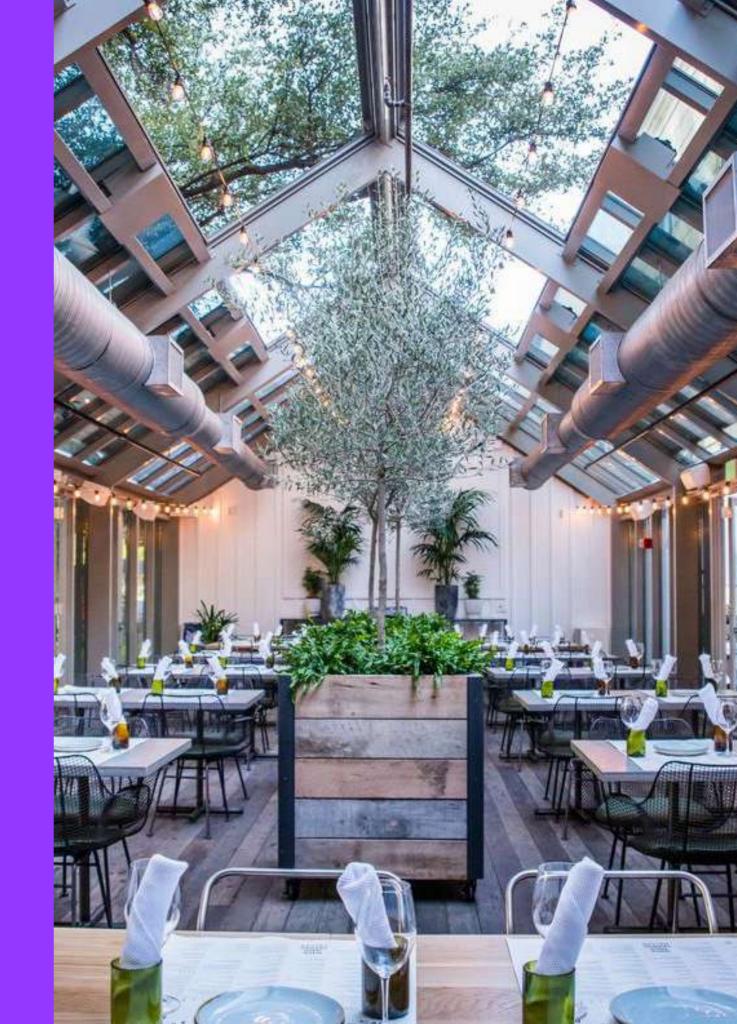


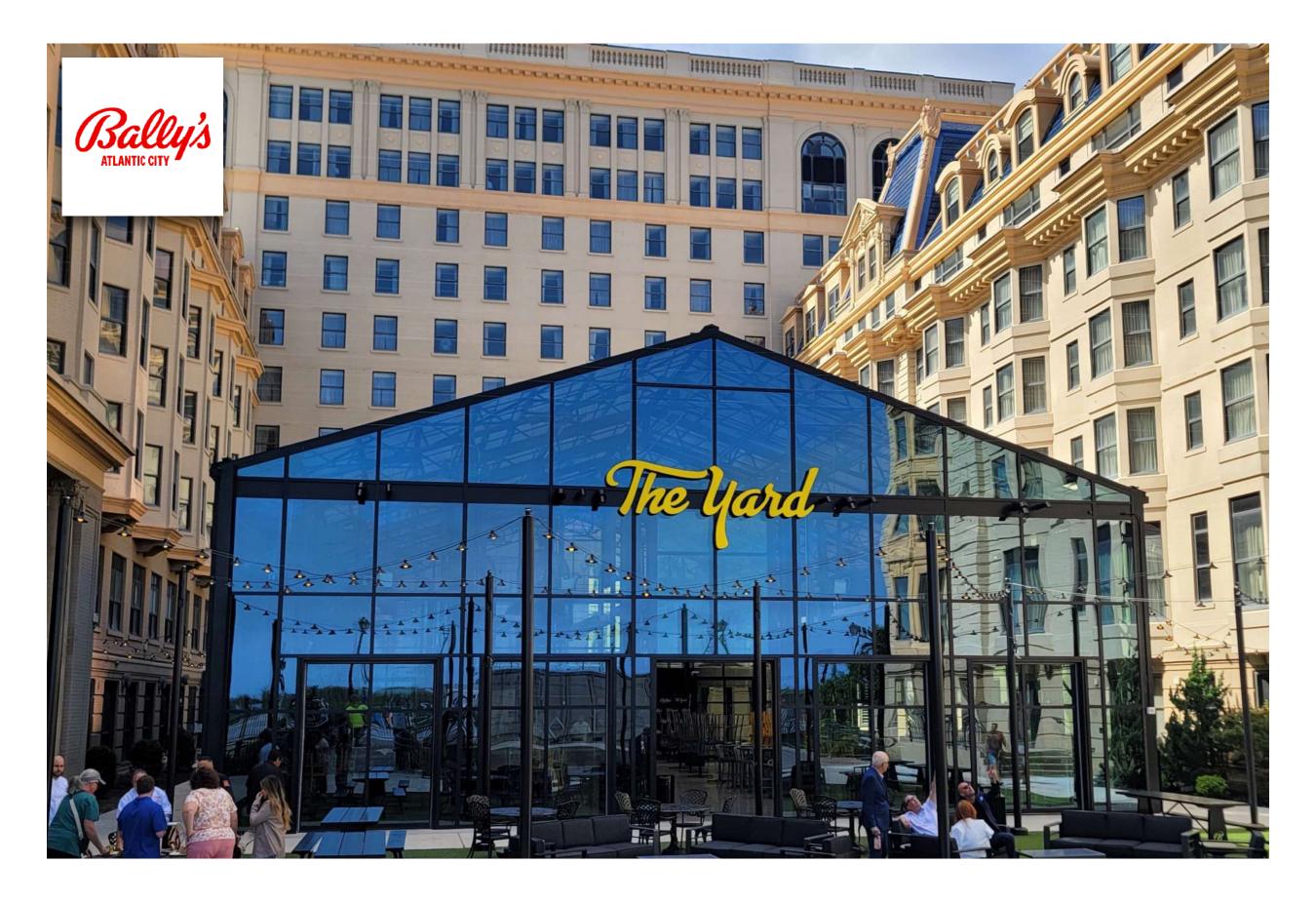




Moxy Hotel by Marriott - Rooftop Yoga Space Washington DC

Restaurants Bar/Lounge









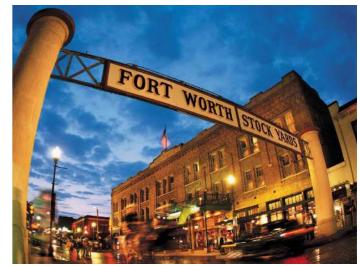


The Yard @ Bally's Atlantic City, New Jersey

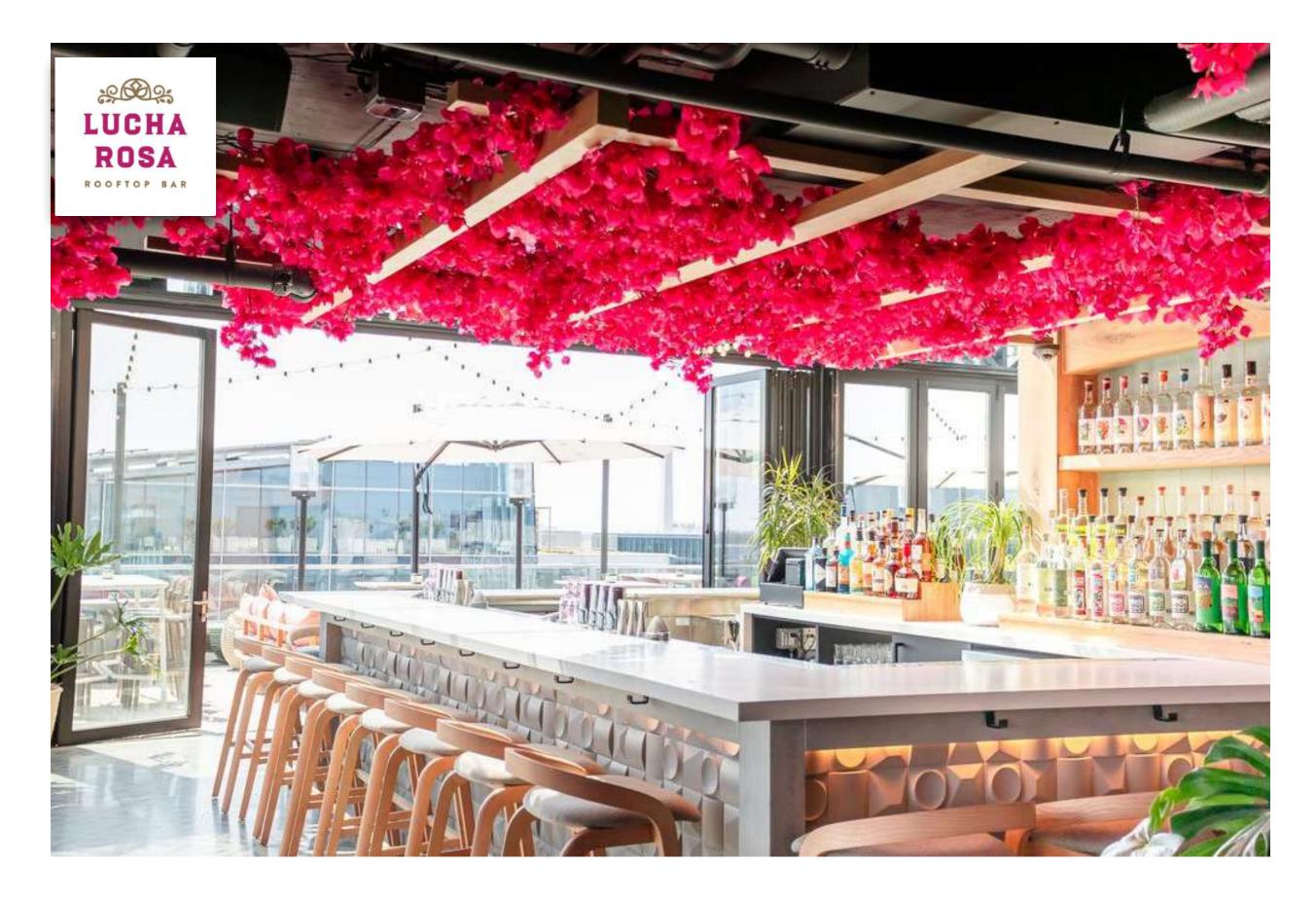








Second Rodeo Brewing - Fort Worth Stockyards Fort Worth Texas

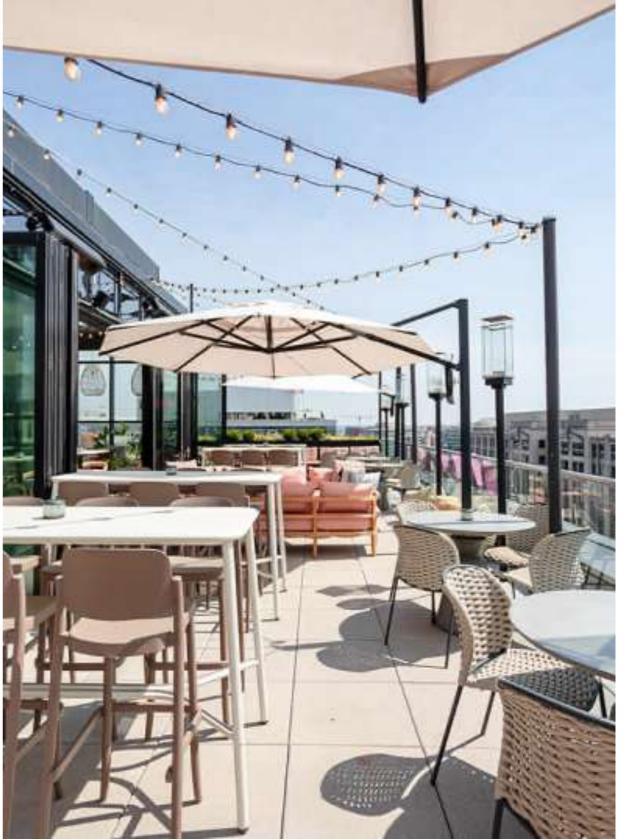


Lucha Rosa @ Moxy DC by Marriott Washington DC



Lucha Rosa @ Moxy DC by Marriott Washington DC



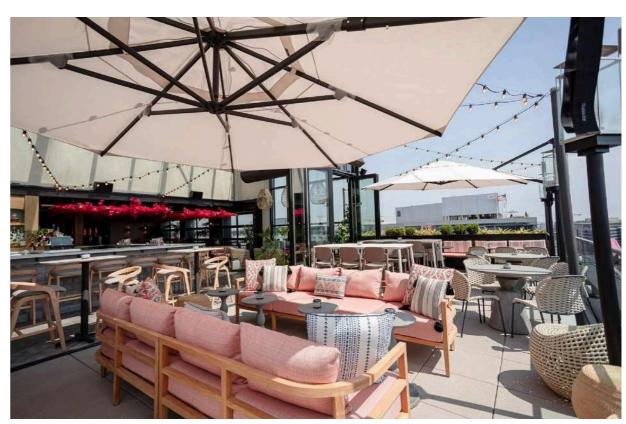


Lucha Rosa @ Moxy DC by Marriott Washington DC







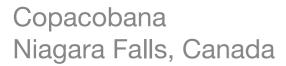


Lucha Rosa @ Moxy DC by Marriott Washington DC

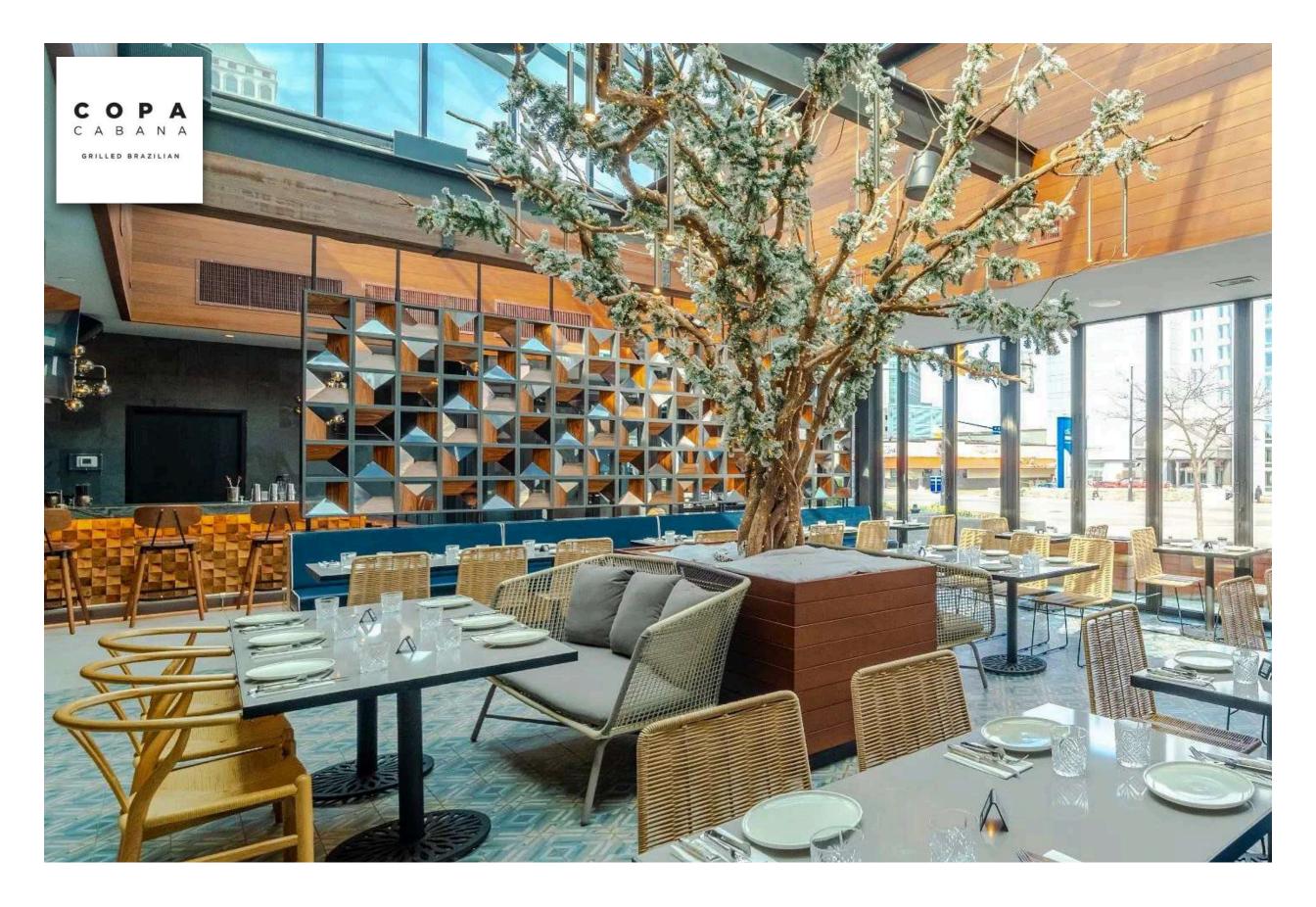




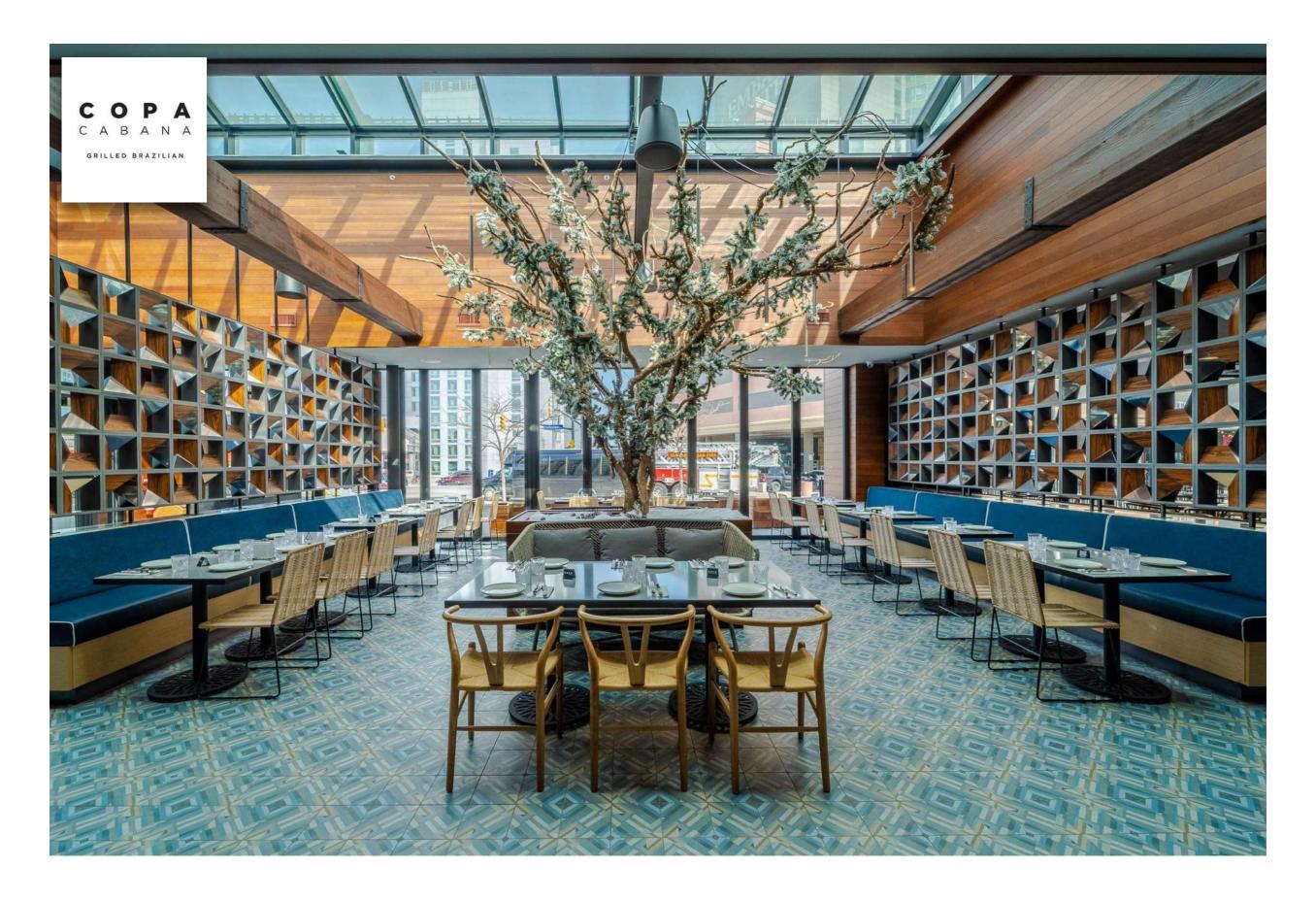






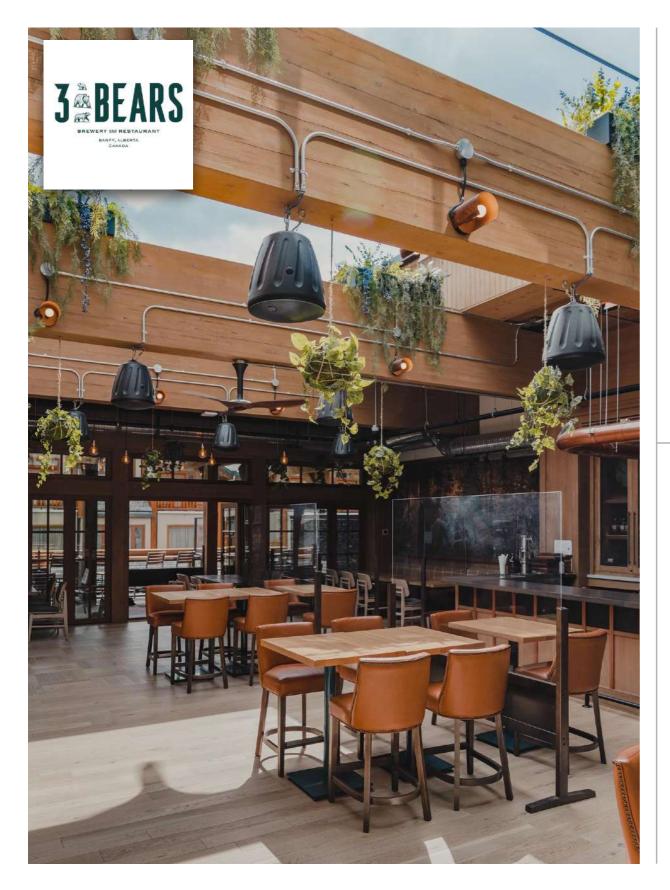








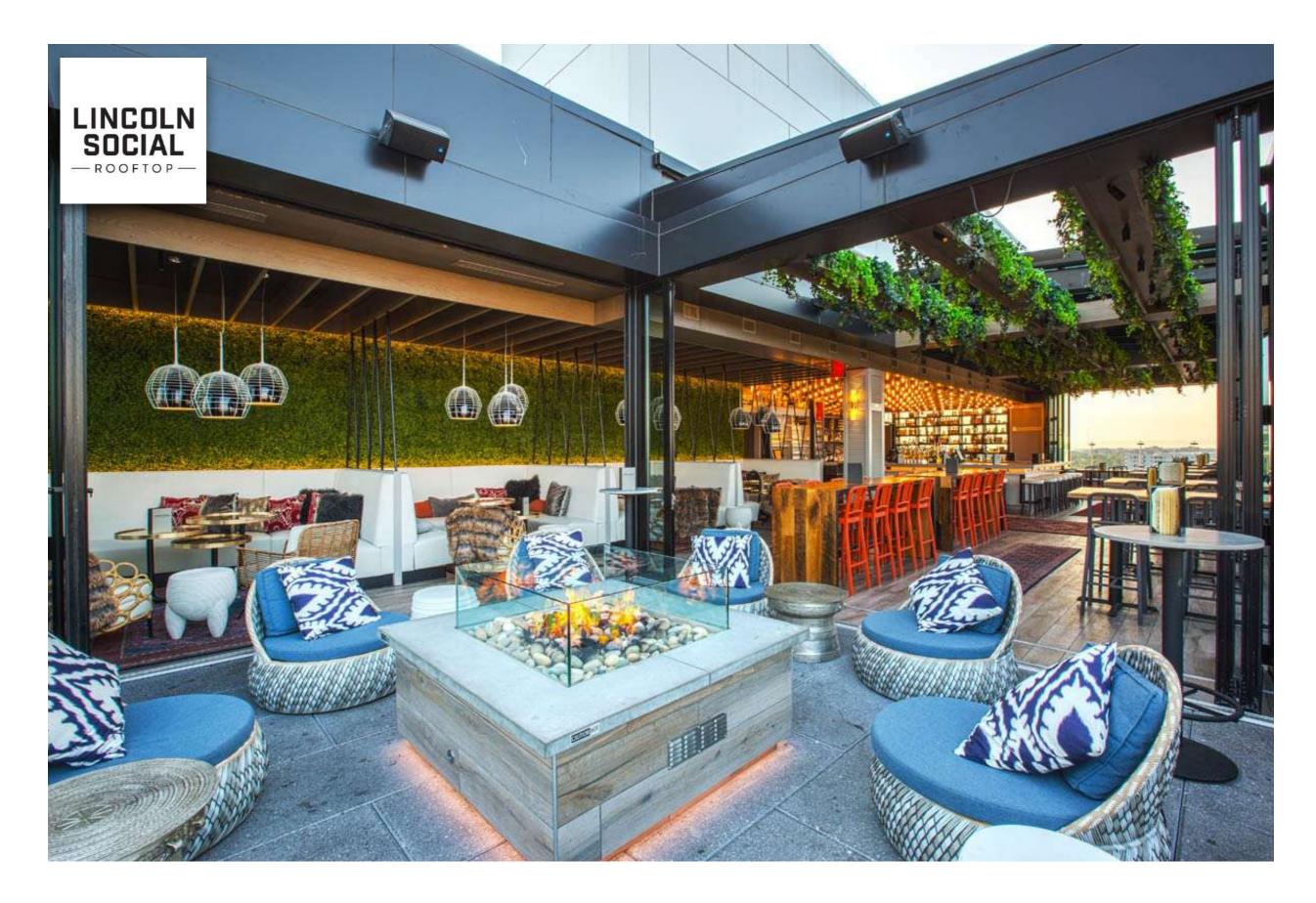
Three Bears Brewery Banff Alberta







Three Bears Brewery Banff Alberta



Lincoln Social Rooftop, 711 High Street Columbus, Ohio

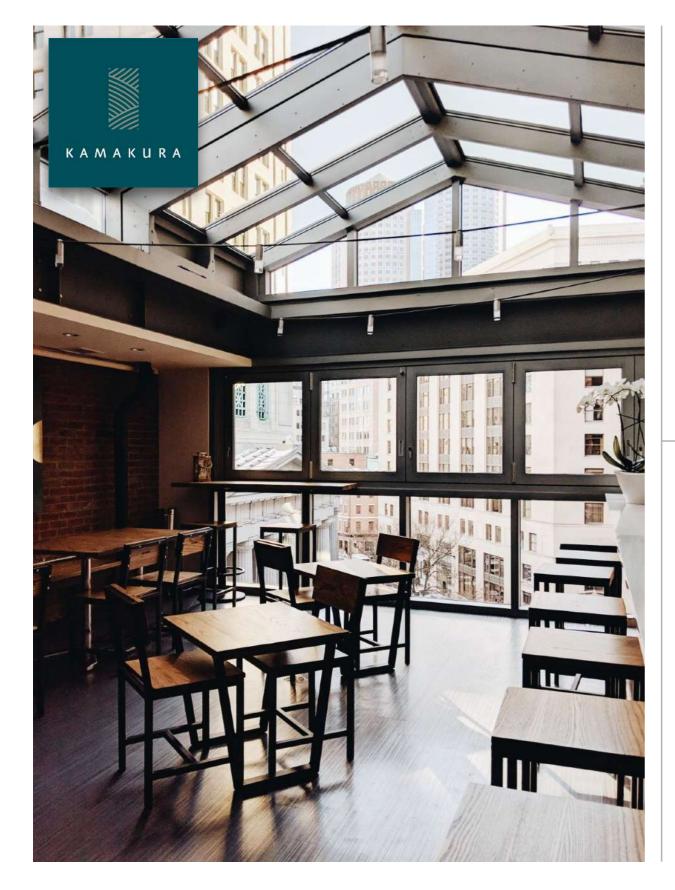








Lincoln Social Rooftop, 711 High Street Columbus, Ohio







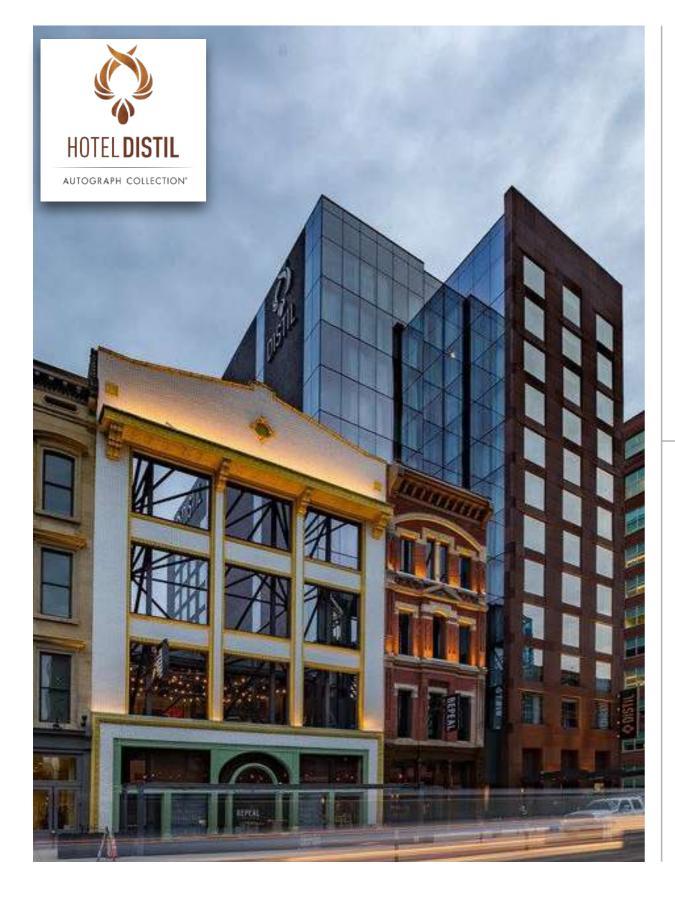
Kamakura - 150 State Street Boston, MA







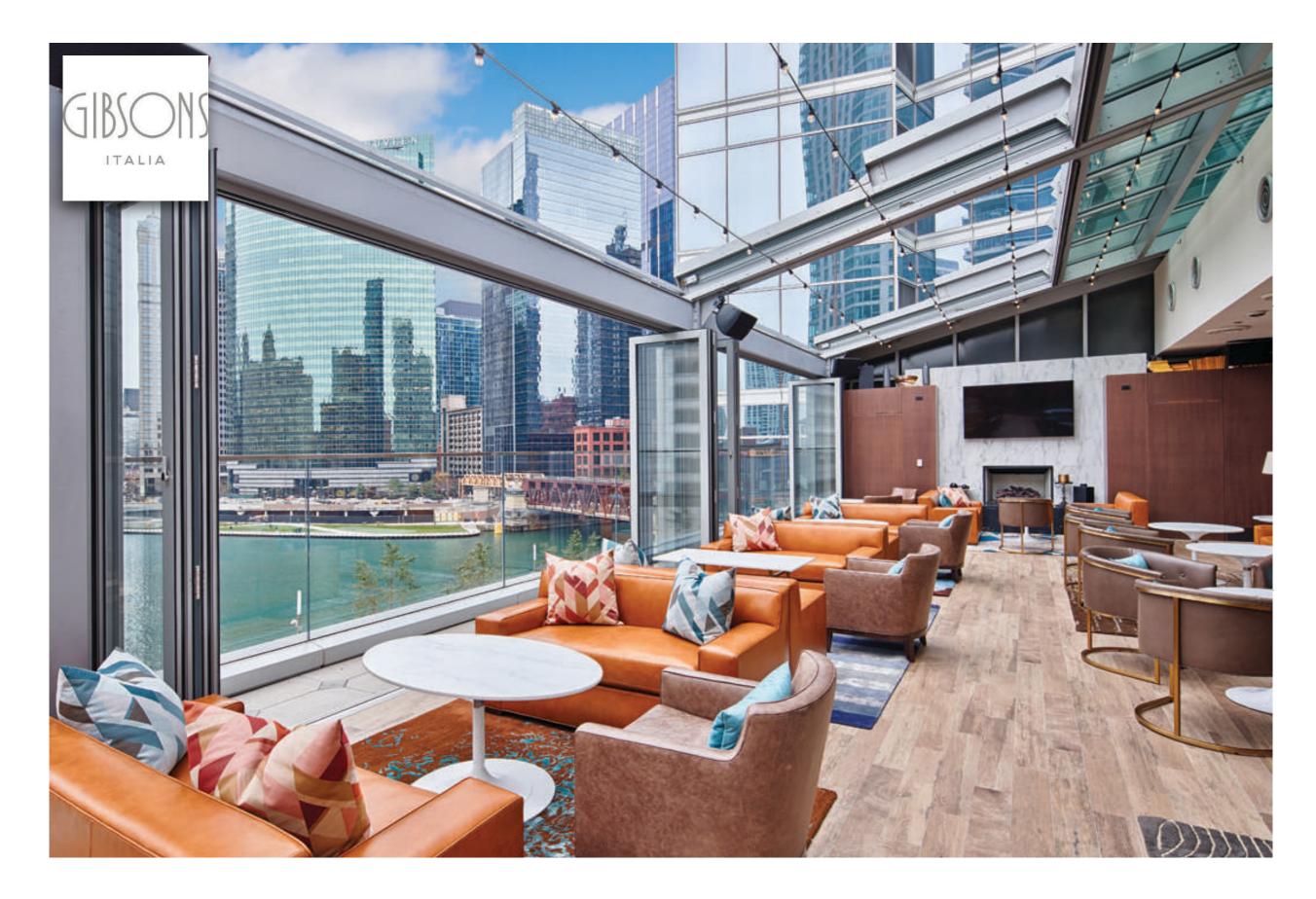
Bitters End @ Hotel Distil and Moxy Louisville Louisville, Kentucky







Bitters End @ Hotel Distil and Moxy Louisville Louisville, Kentucky



Gibsons Italia: RiverPoint Tower Chicago, Illinois

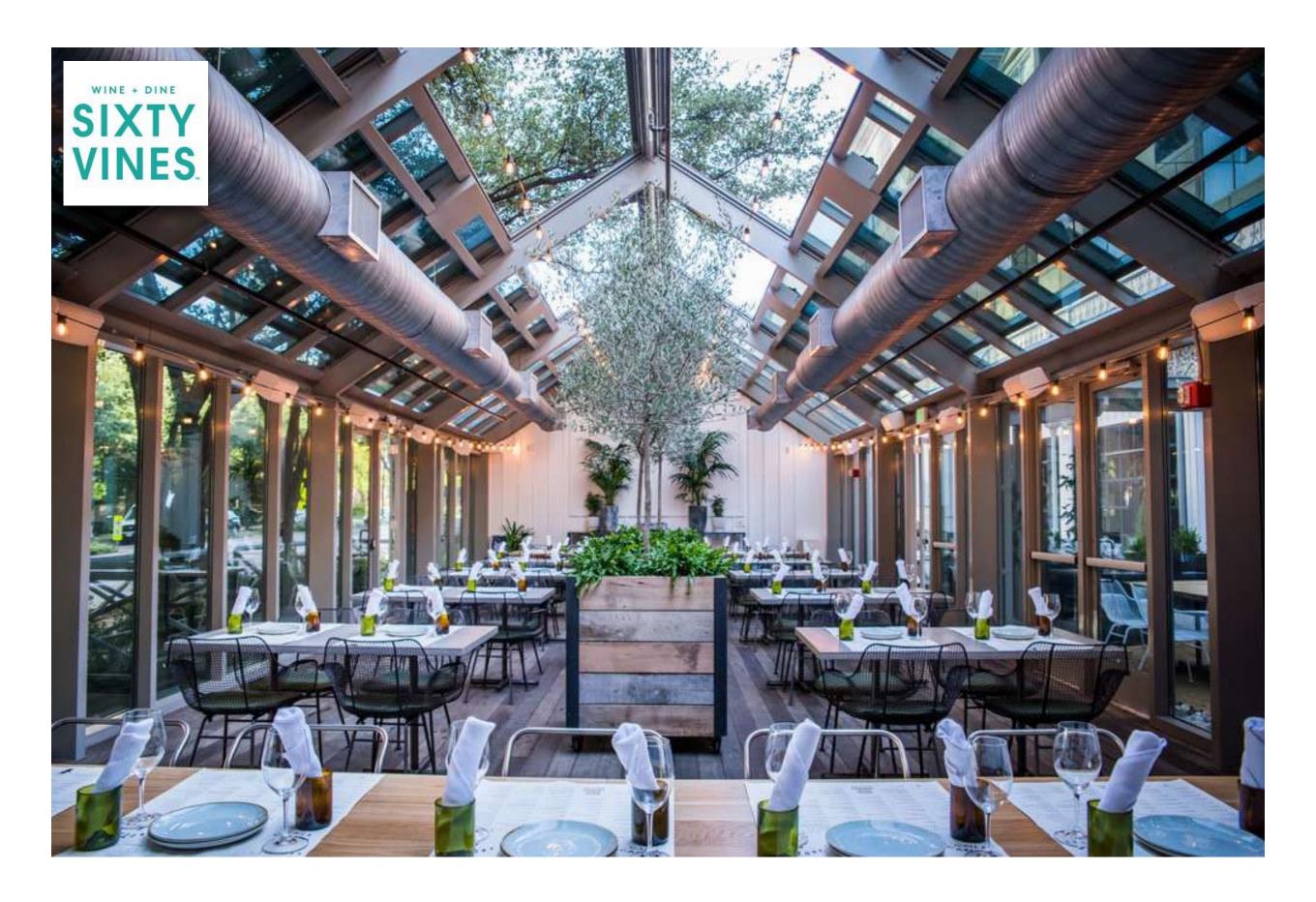






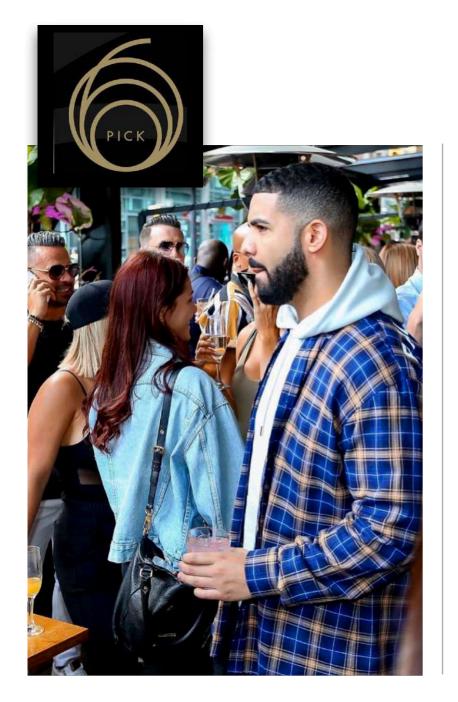


Gibsons Italia: RiverPoint Tower Chicago, Illinois

















Pick 6ix - Drake Toronto Ontario



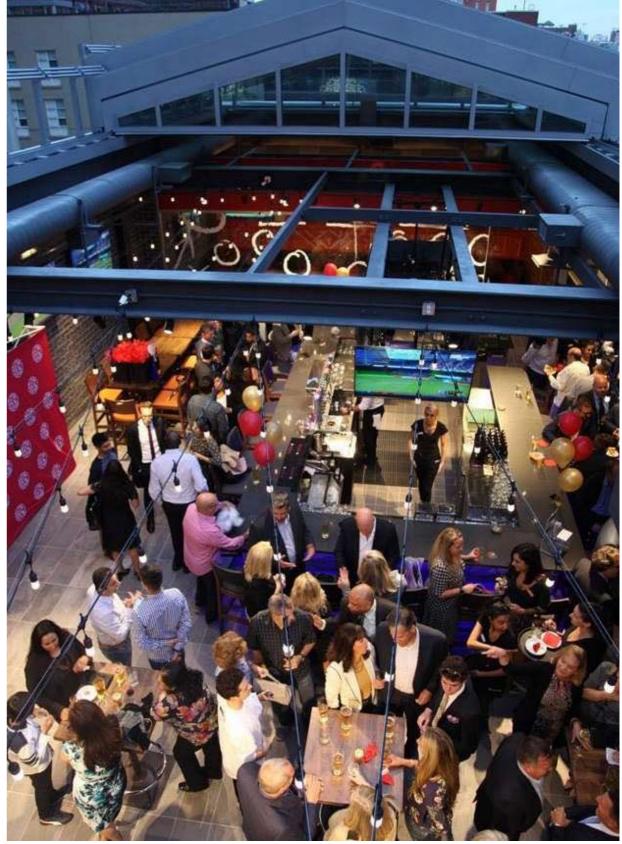






Barcelona Tavern - Liberty Village Toronto, Ontario

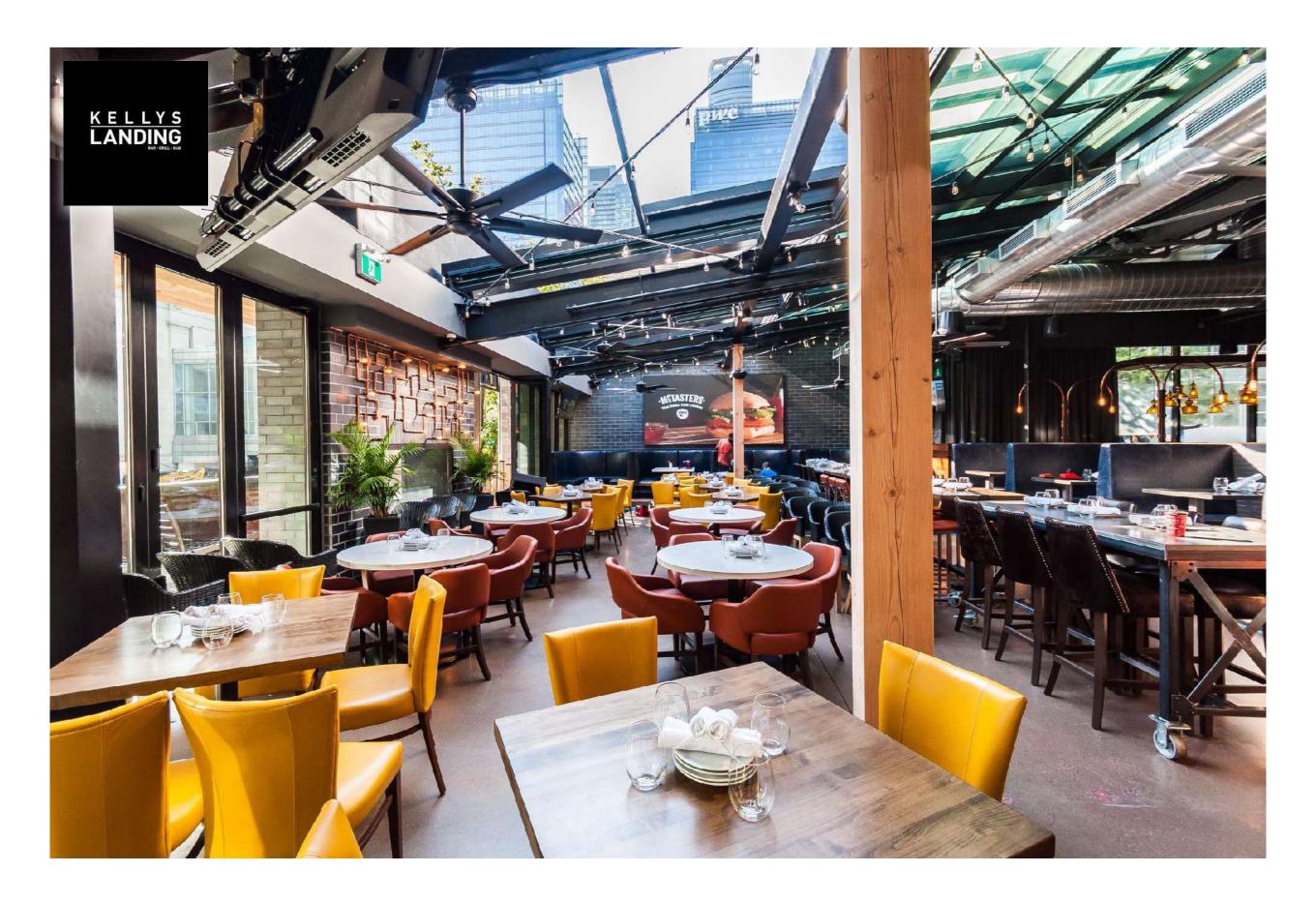




Boston Pizza Toronto Ontario

















Kelly's Landing Toronto, Ontario

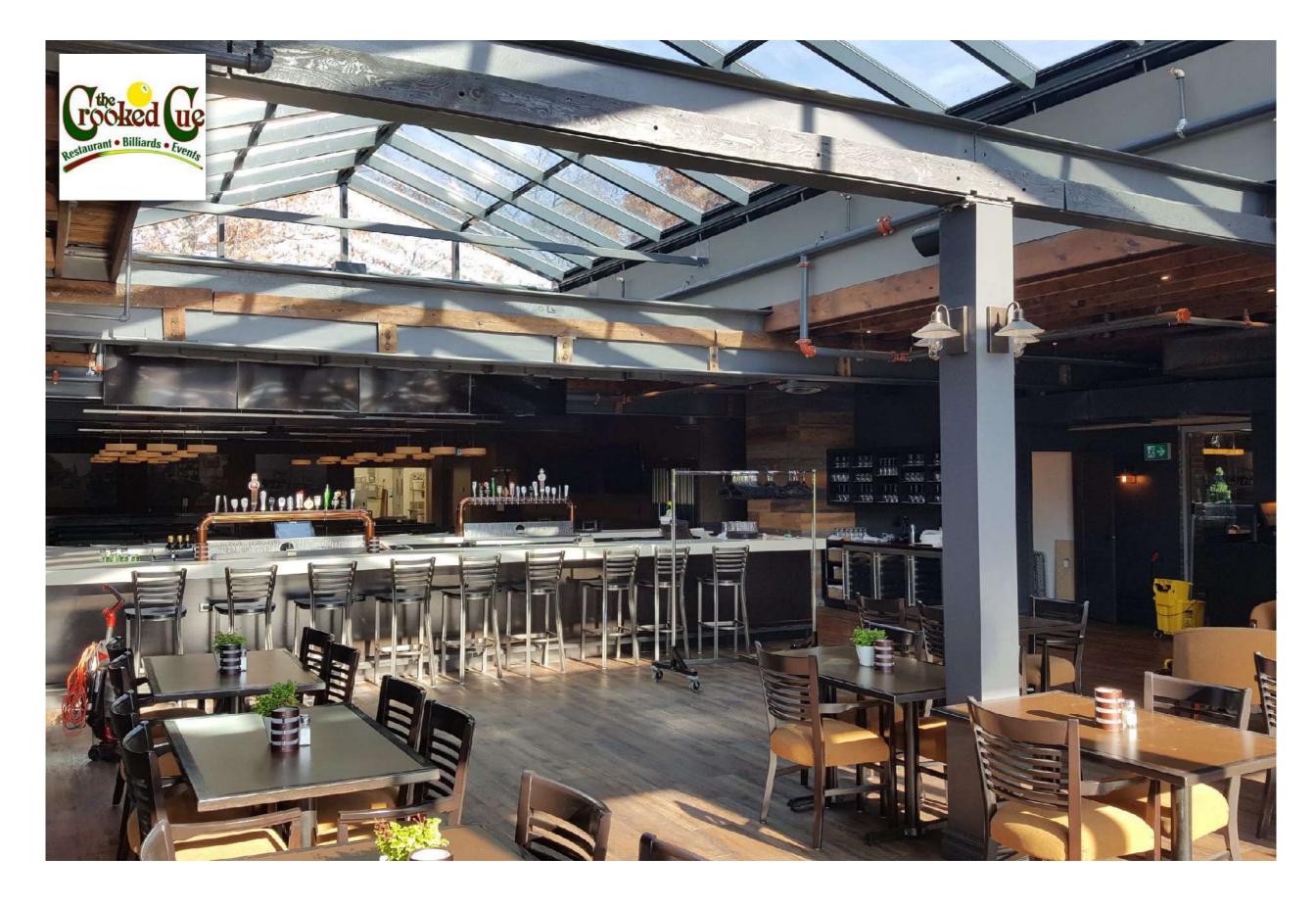








Crooked Cue Pool Hall and Restaurant: Phase 1 Etobicoke, Ontario



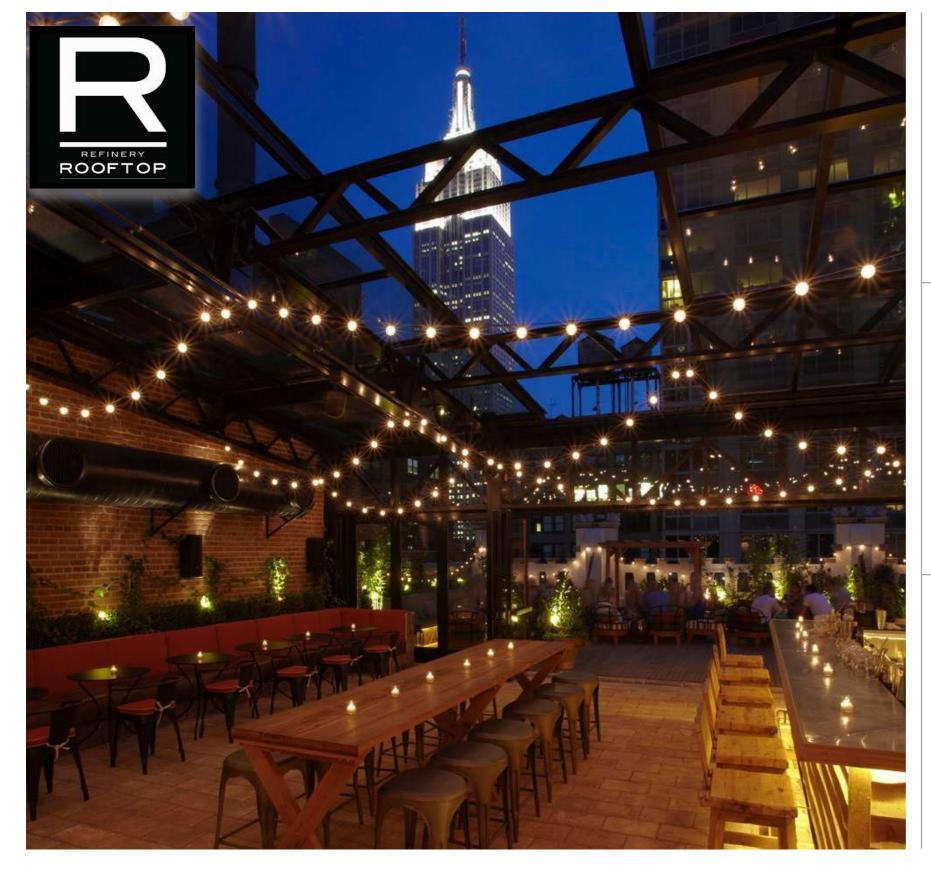
Crooked Cue Pool Hall and Restaurant: Phase 2 Etobicoke, Ontario



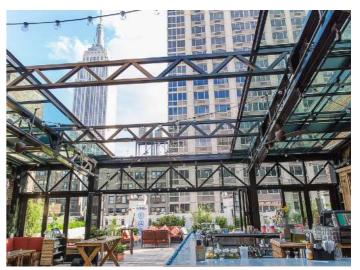














Refinery Hotel: Rooftop Patio New York City, New York









Gusto 101 Toronto, Canada

















Power Plant LIVE! Leinenkugel's Beer Garden Baltimore, Maryland











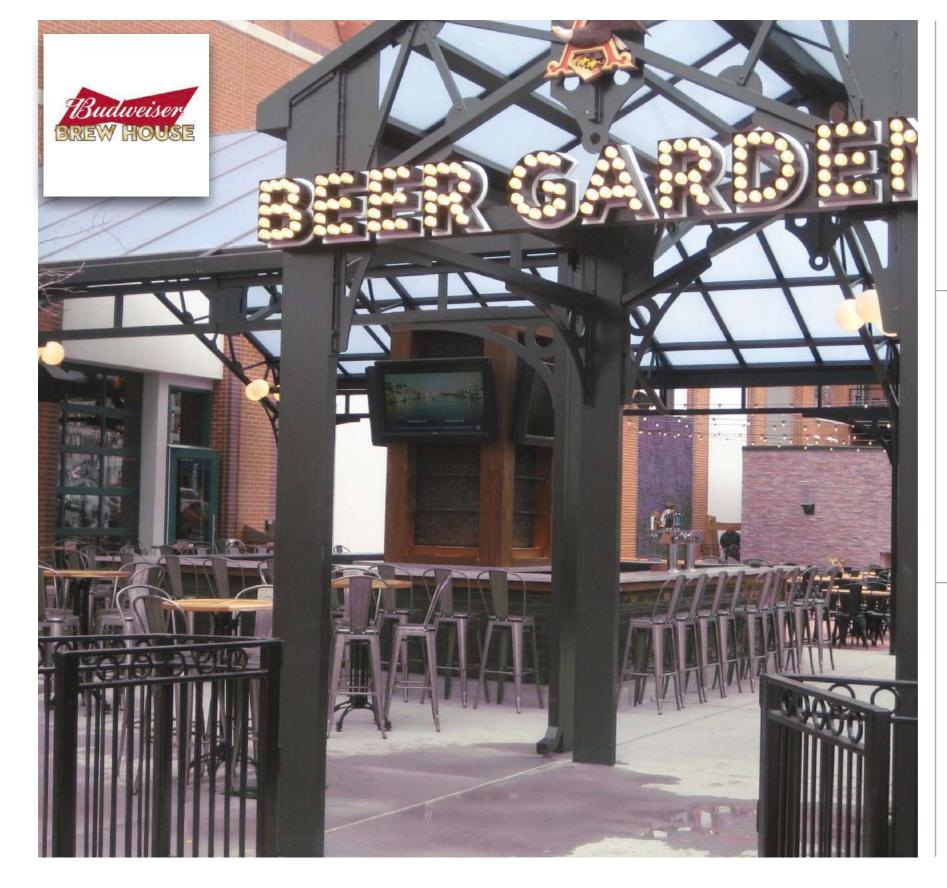








4th St Live! Goose Island Beer Bridge Louisville Kentucky









Ballpark Village Live! Beer Garden St.Louis, Missouri, USA









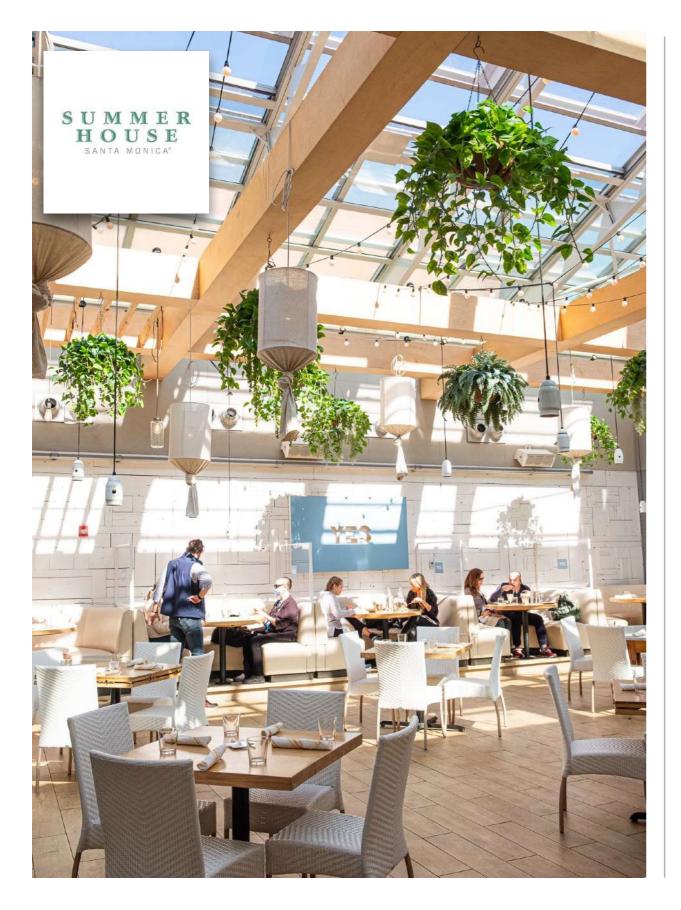








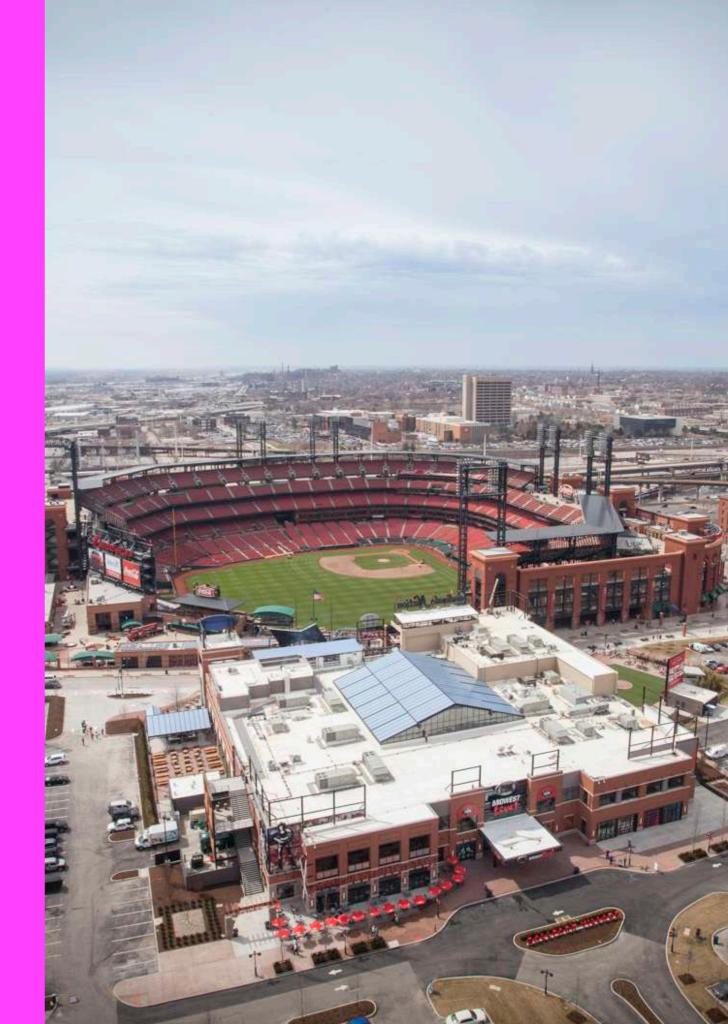
SummerHouse Santa Monica Chicago IL

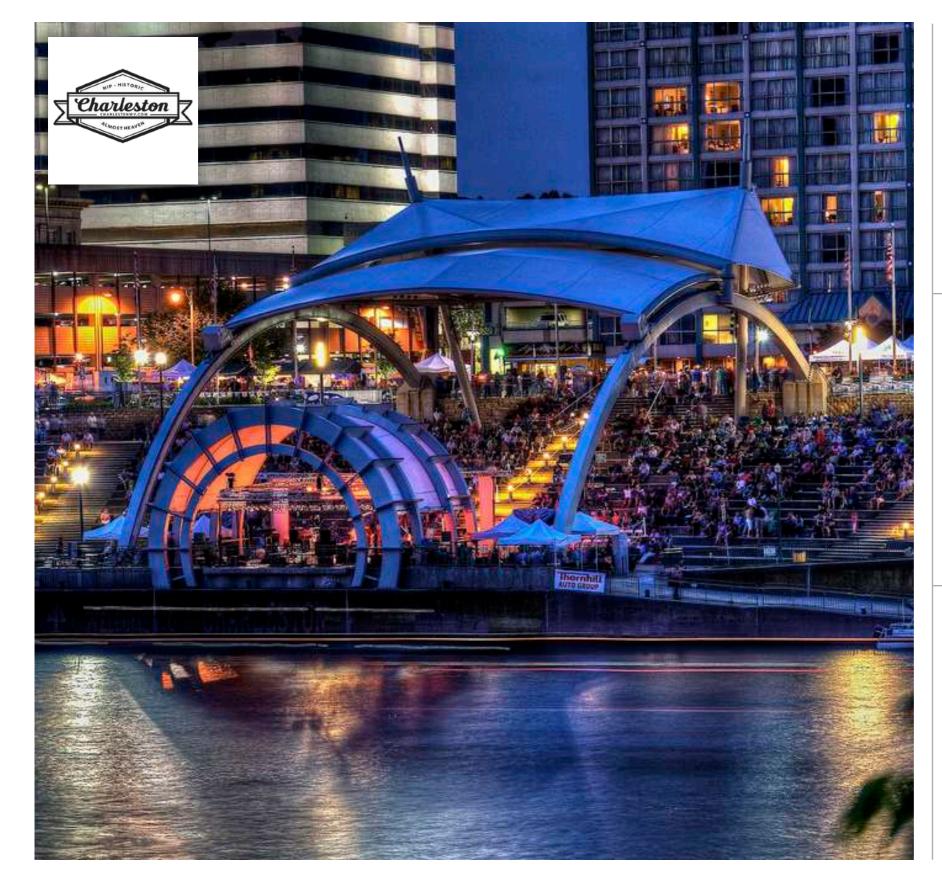




SummerHouse Santa Monica Chicago IL

Entertainment











Haddad Riverfront Park Charleston. South Carolina









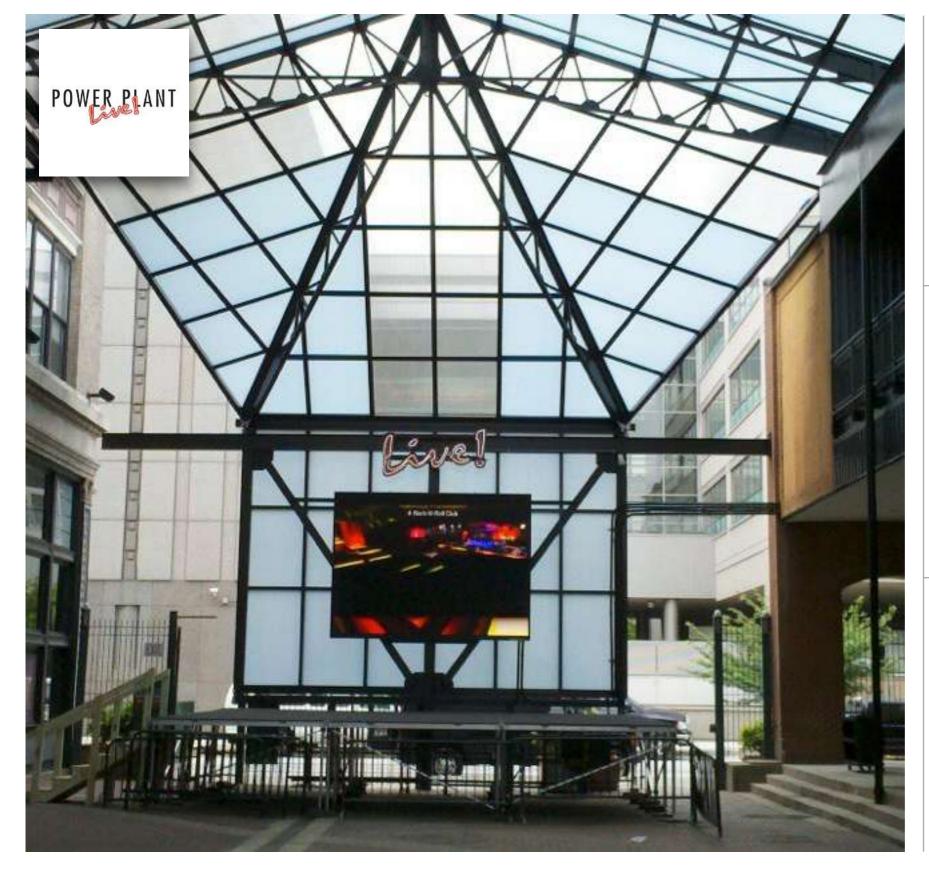








4th Street Live! Goose Island Beer Bridge Louisville, Kentucky













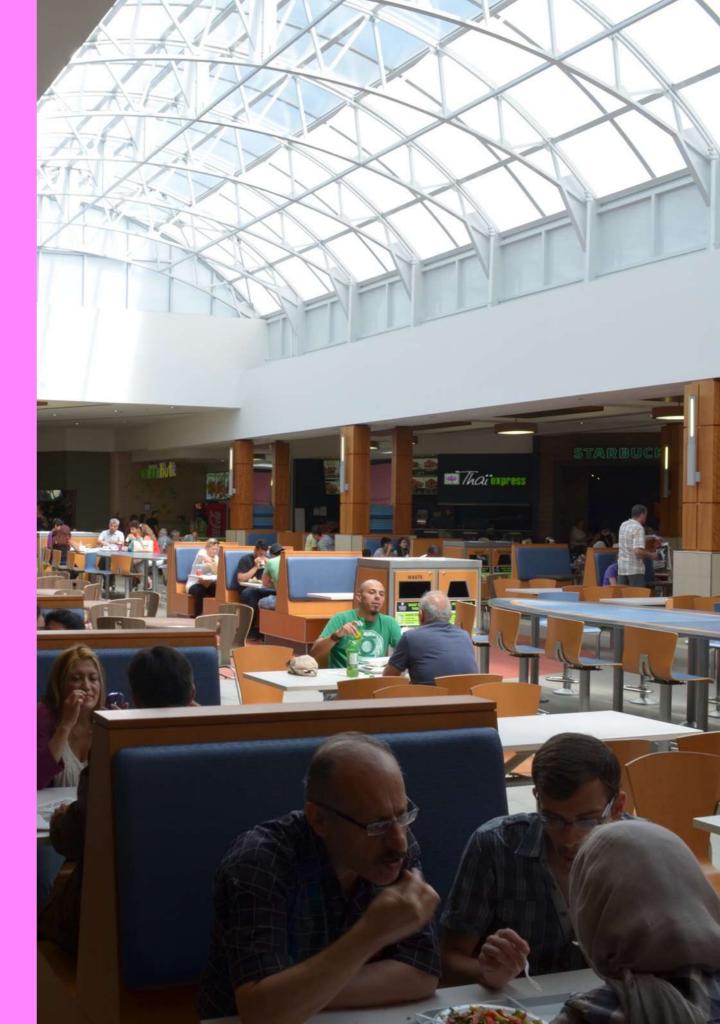


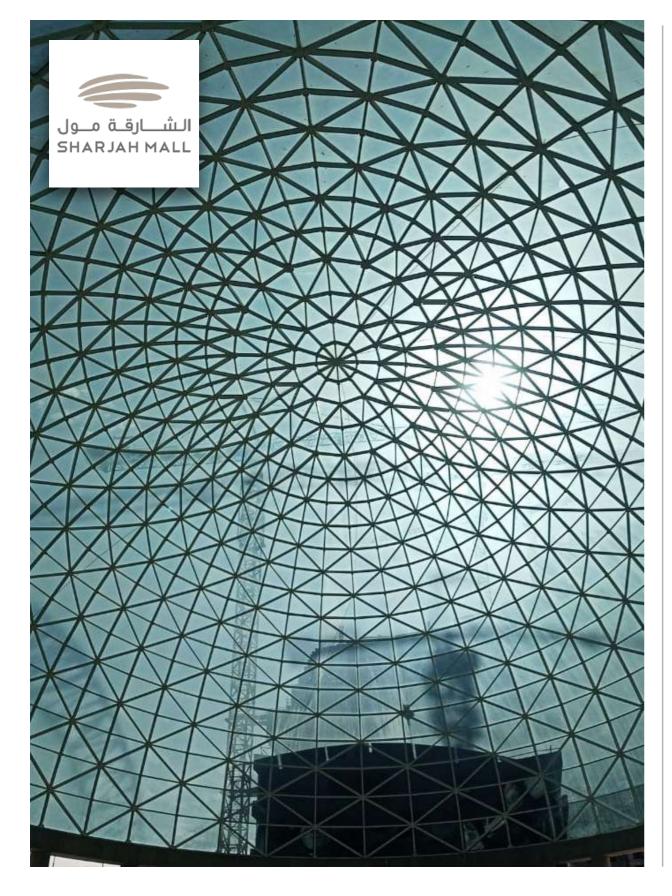


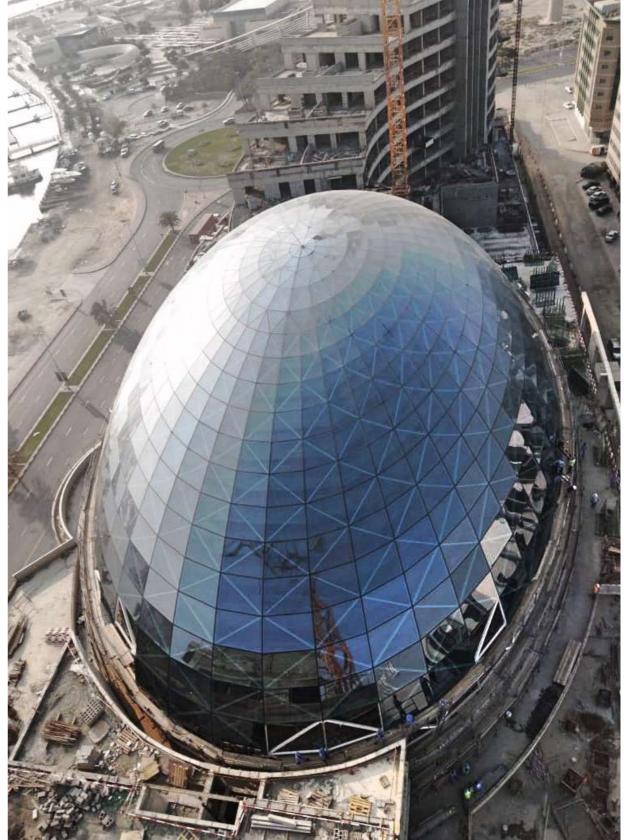




Retail







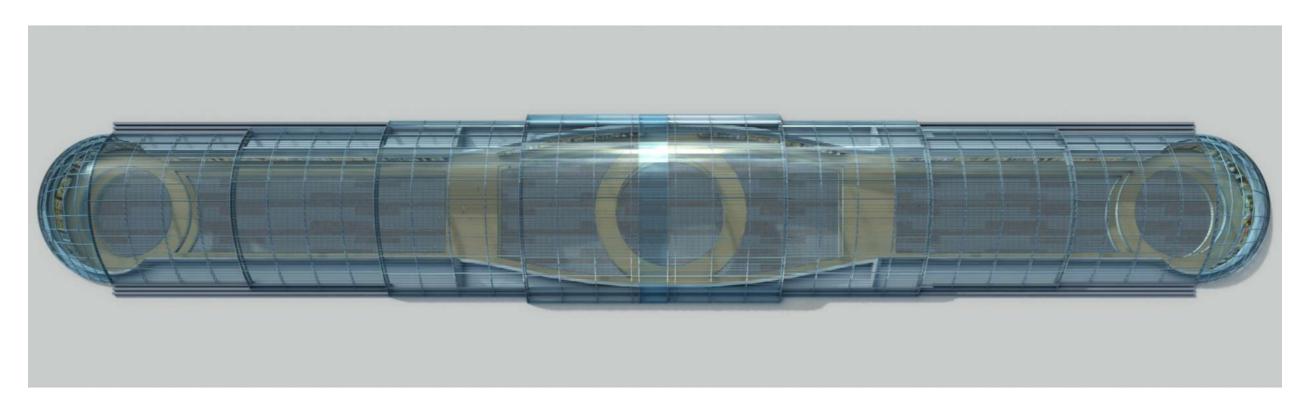
Shopping Mall Dome Skylight: 154ft (47m) wide x 242 ft (74m) long x 75ft (23m) high Sharjah, Largest Dome in the Middle East Currently under construction

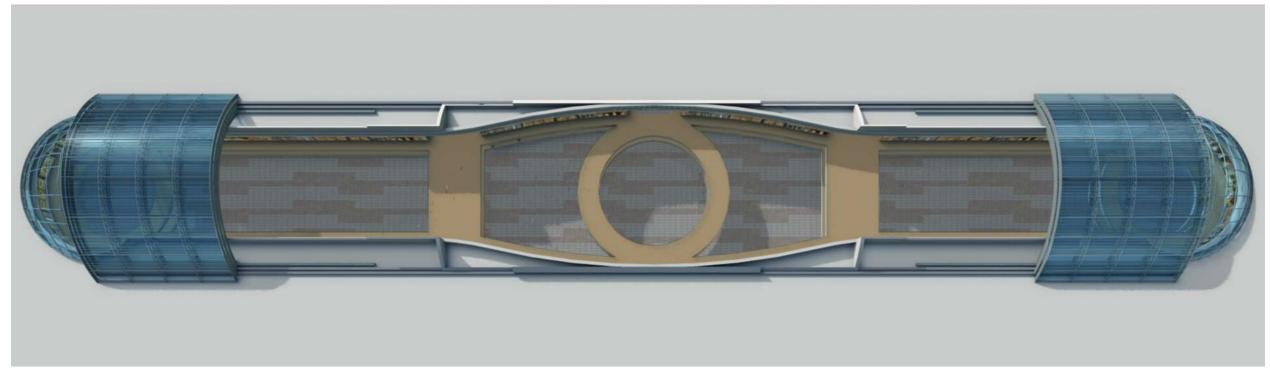


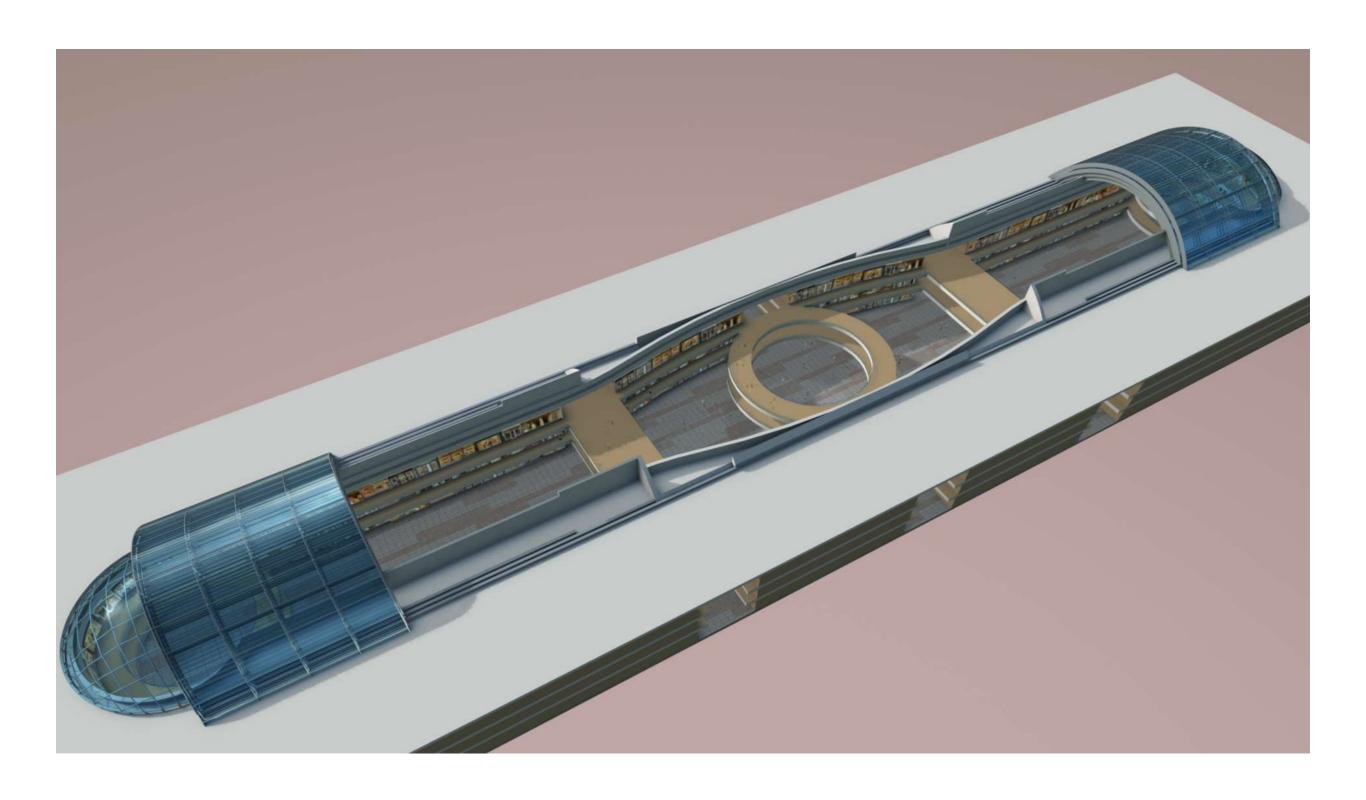


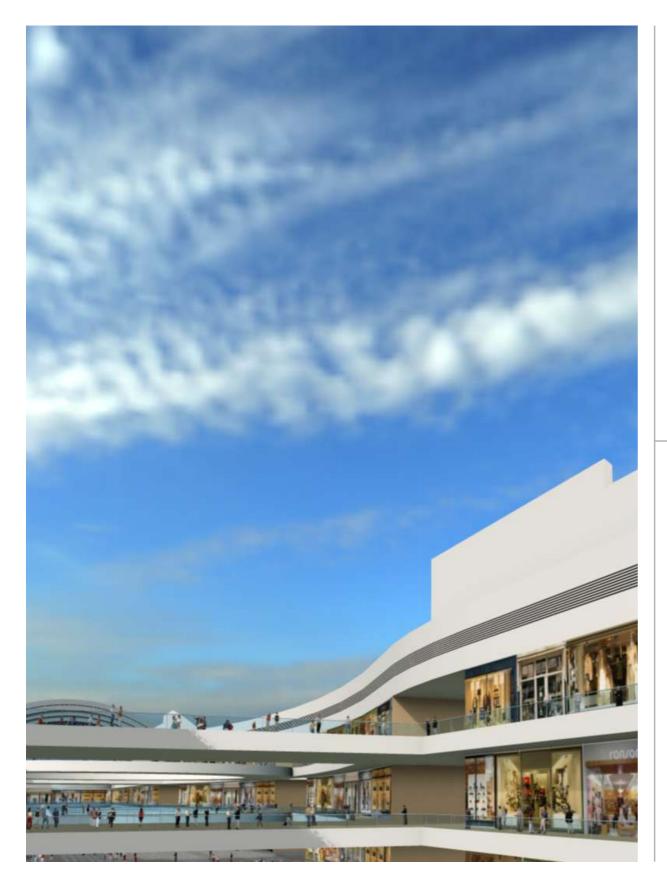


Shopping Mall Dome Skylight: 154ft (47m) wide x 242 ft (74m) long x 75ft (23m) high Sharjah, Largest Dome in the Middle East Currently under construction





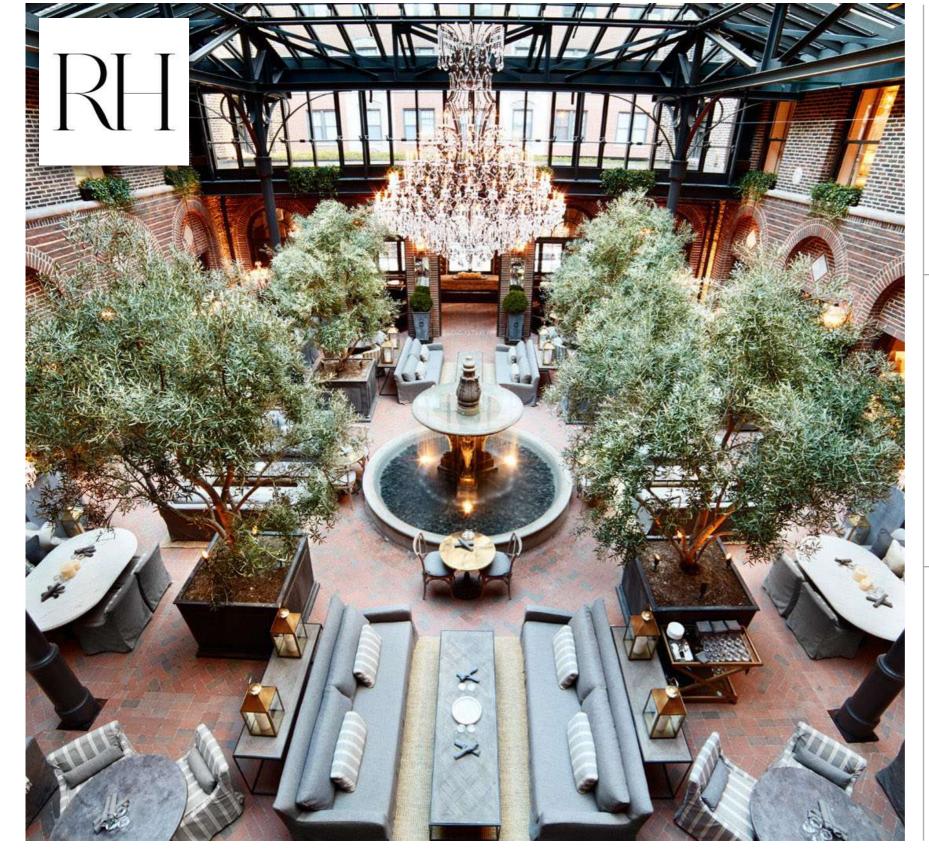




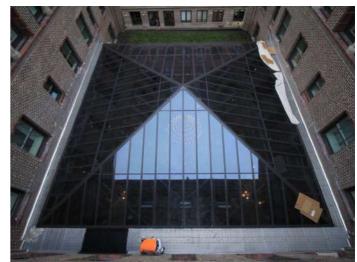




New Shopping Mall - Telescope skylight 76m x 475m (250 ft x 1560ft) UAE

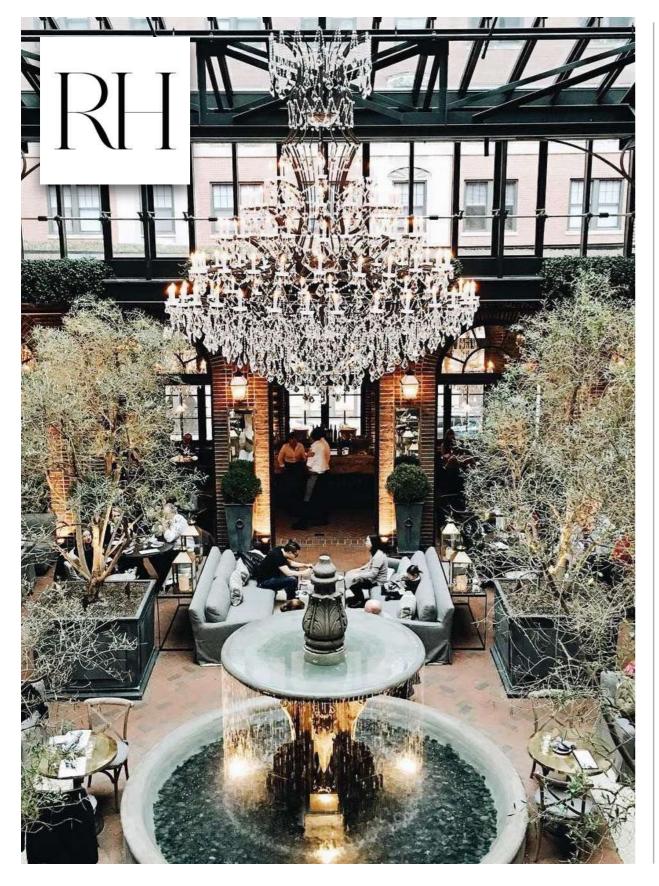


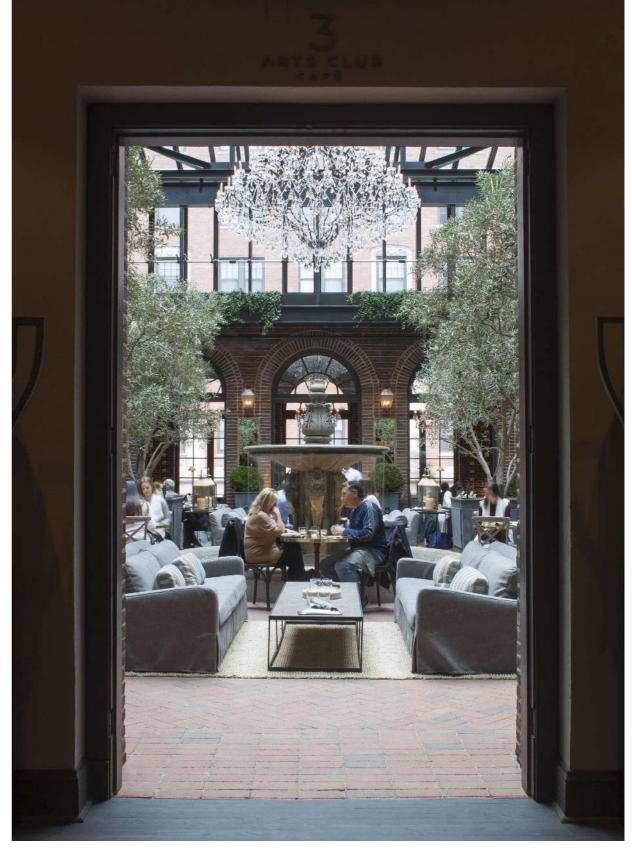






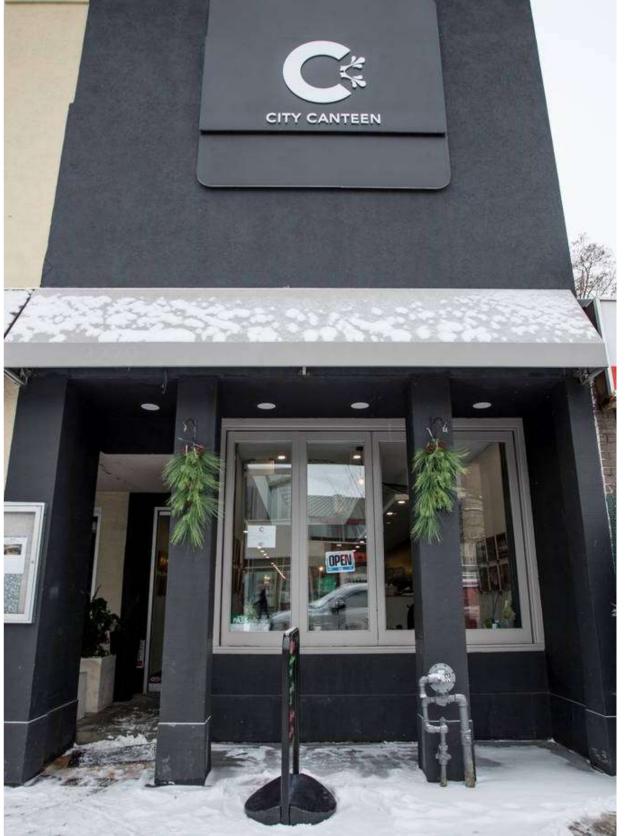
Restoration Hardware: Three Arts Building Chicago Illinois





Restoration Hardware: Three Arts Building Chicago Illinois





City Canteen Toronto Ontario





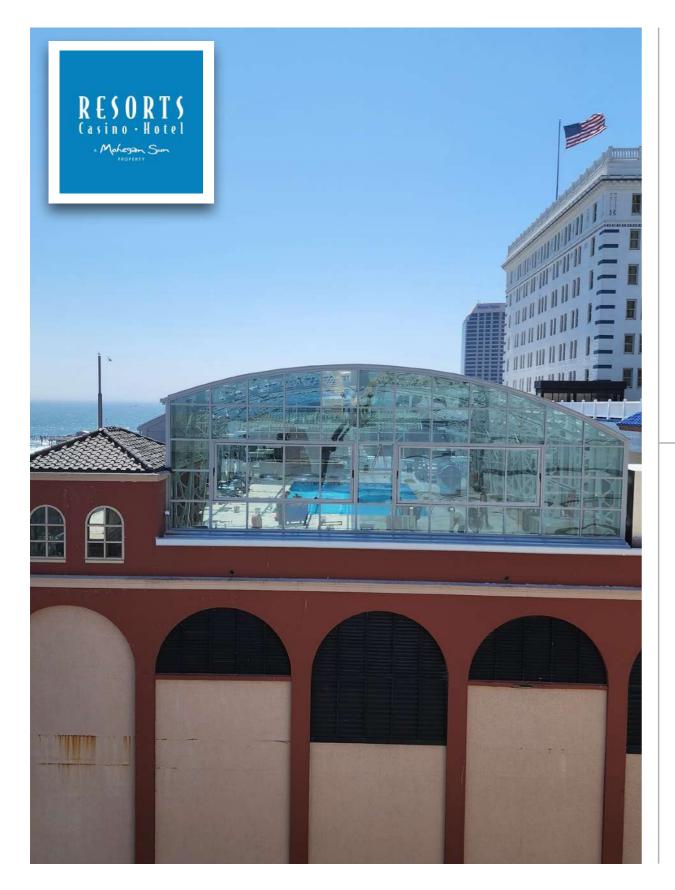


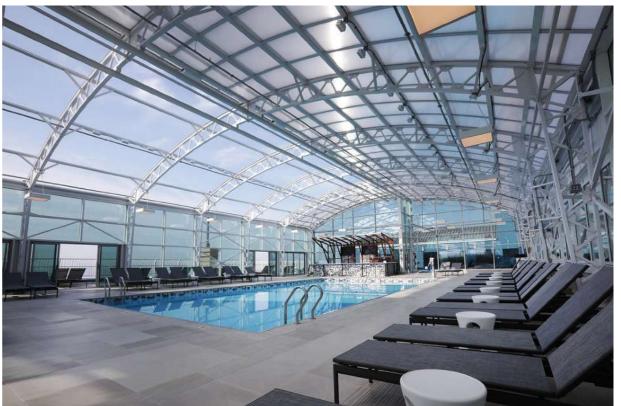


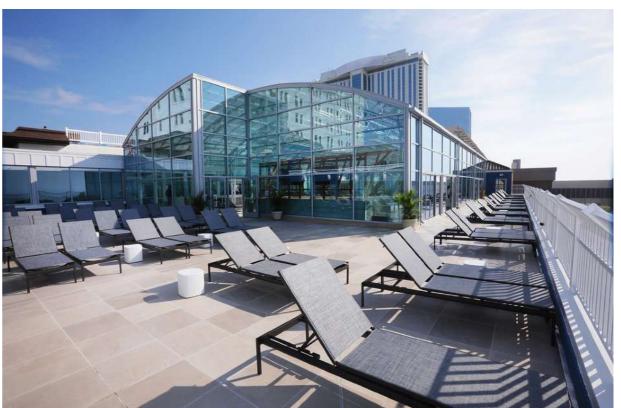
Shopping Mall Old Quebec Street, Guelph, Ontario

Hotels/Resorts
Casinos
Camp Grounds
RV Parks

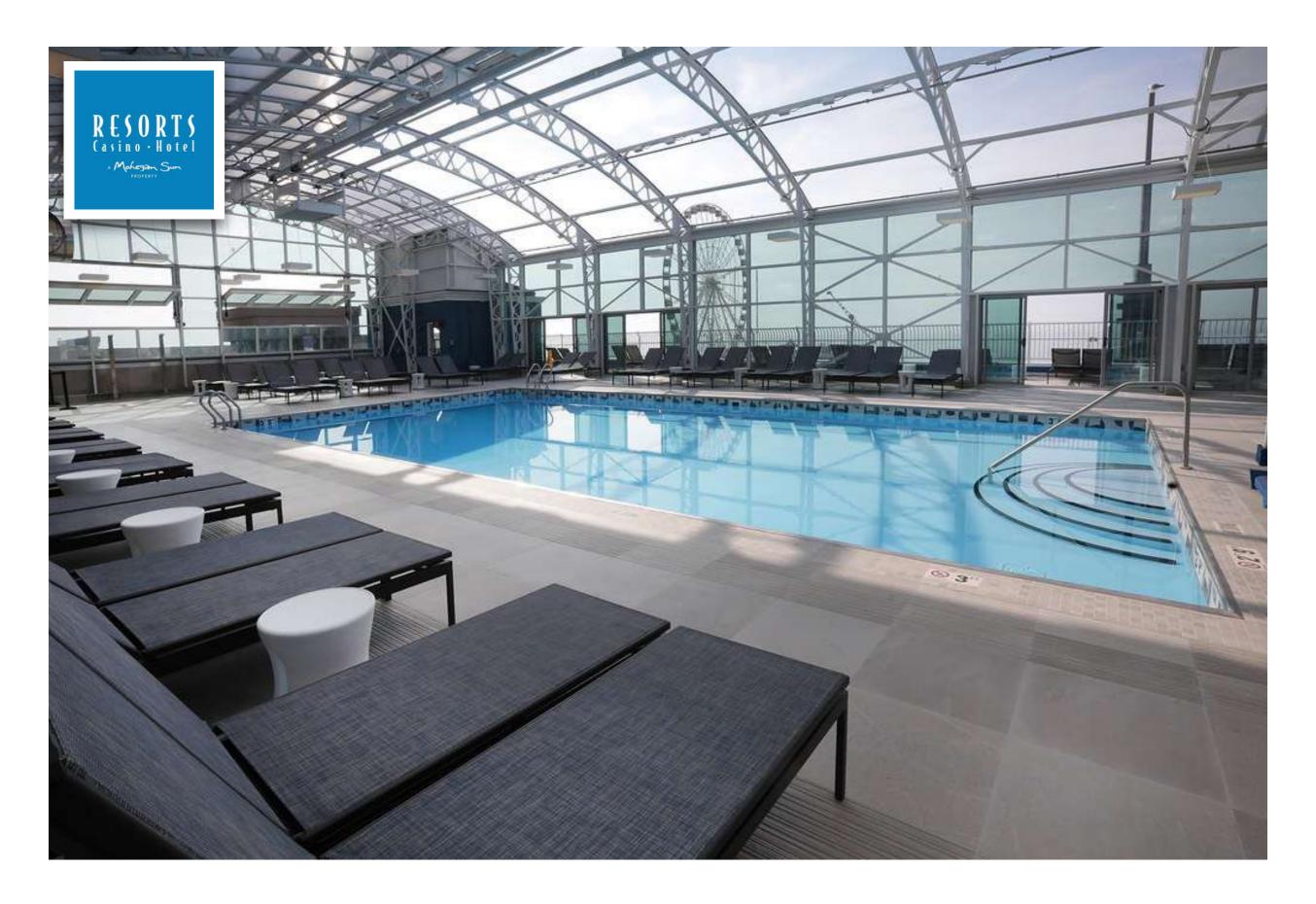




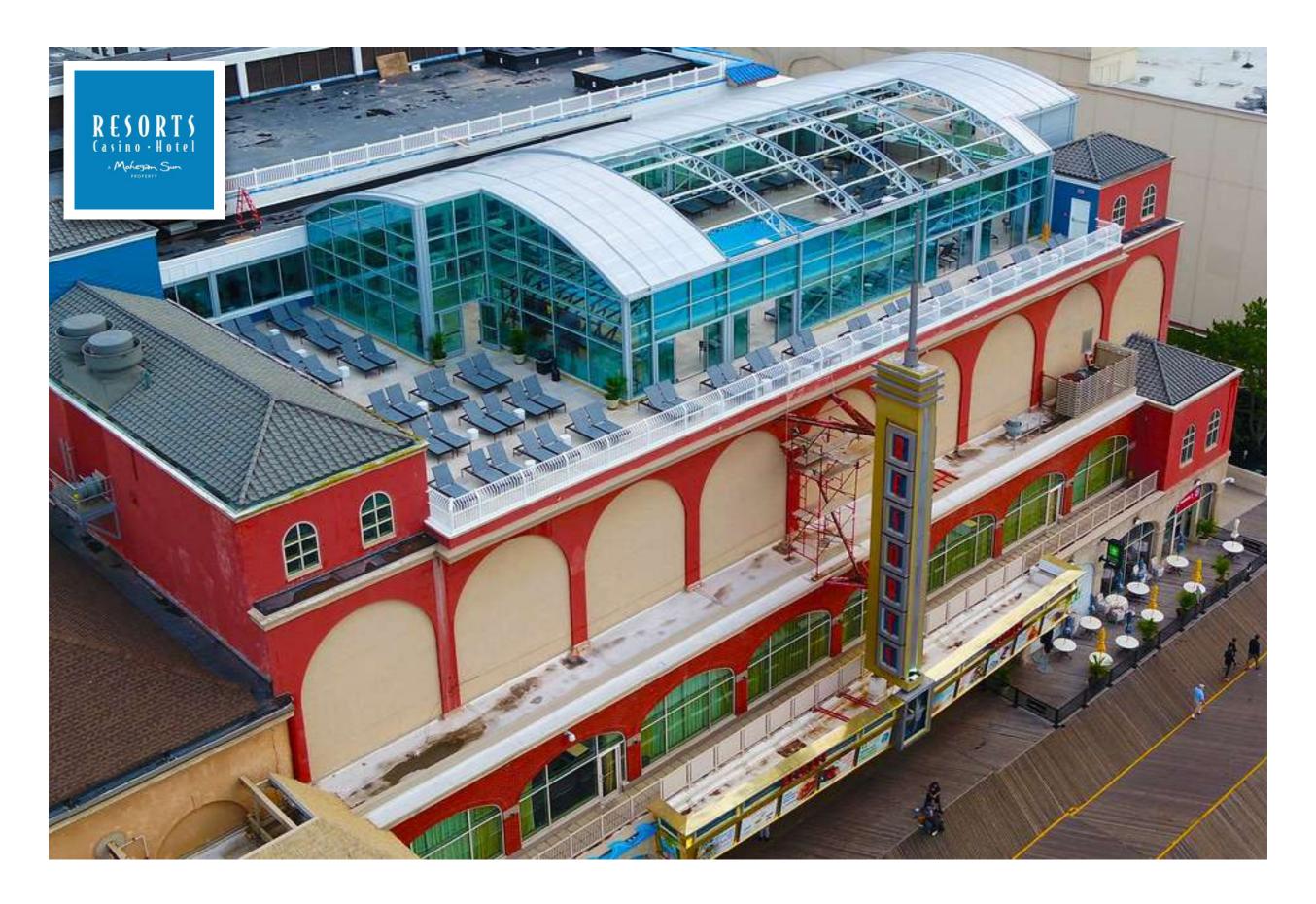


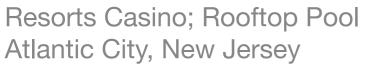


Resorts Casino; Rooftop Pool Atlantic City, New Jersey



Resorts Casino; Rooftop Pool Atlantic City, New Jersey



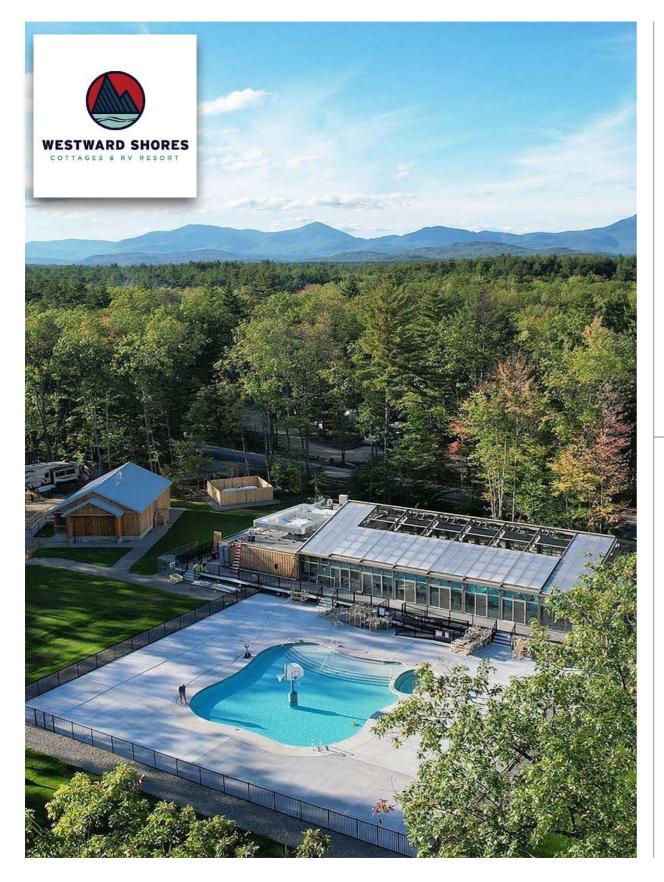








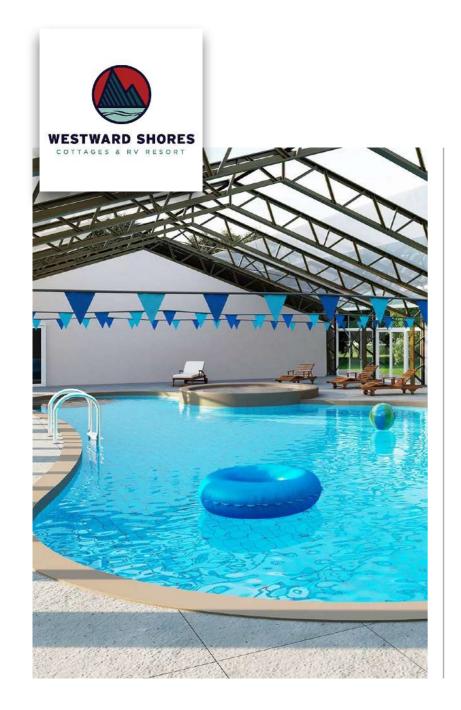








Westward Shores Cottages and RV Resort Ossipee NH









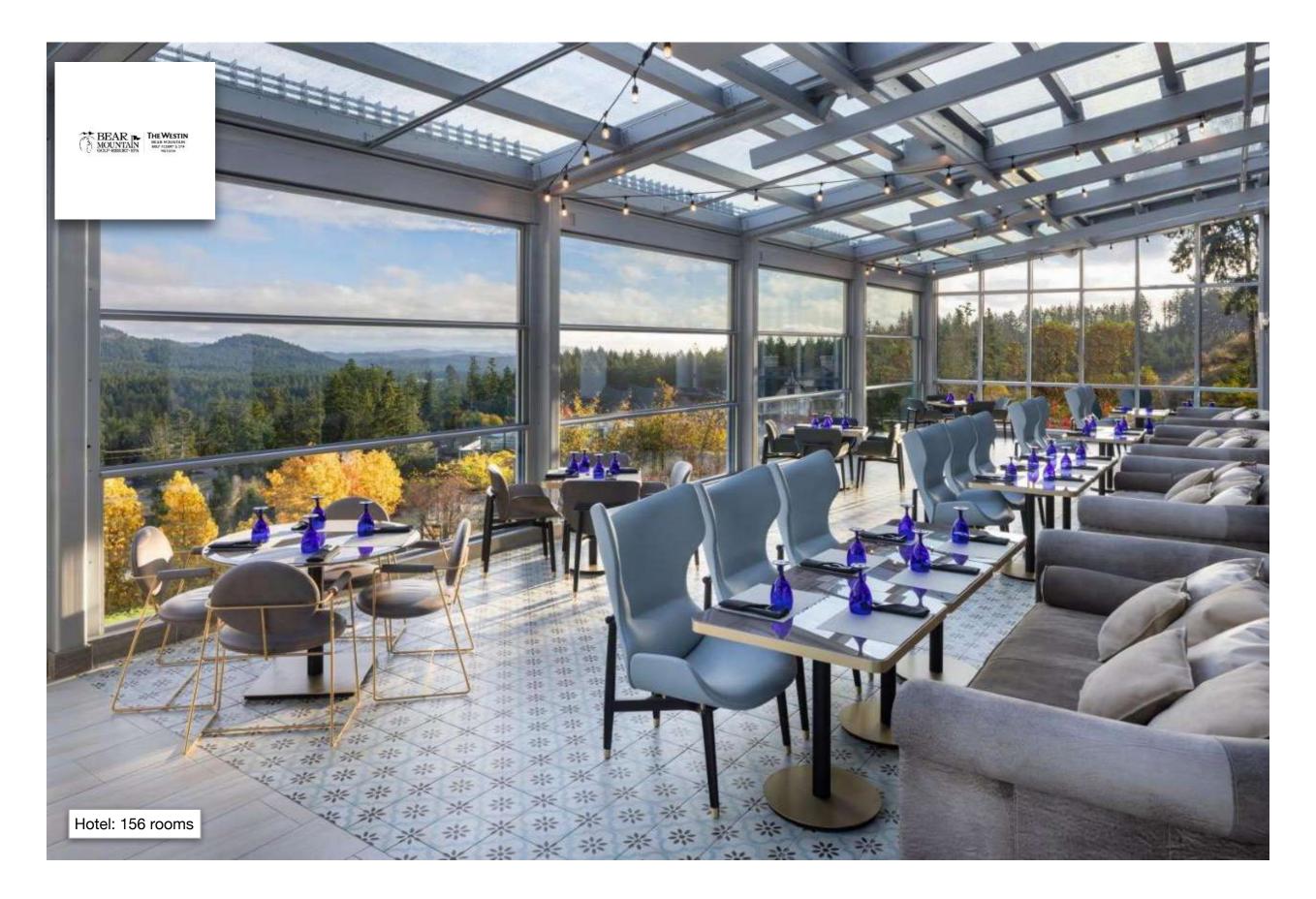


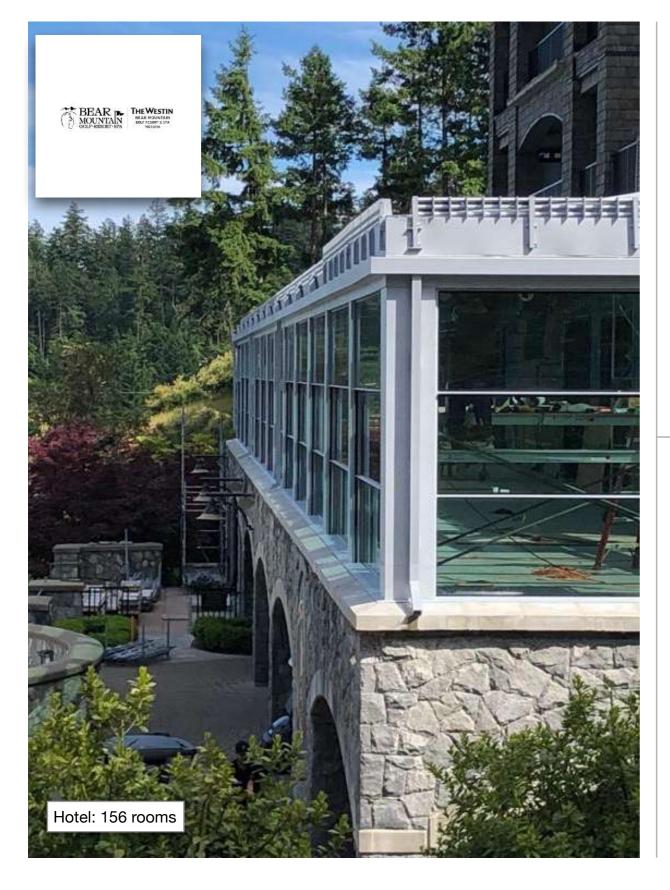






Ludwig's at Sonnenalp Hotel Vail Colorado

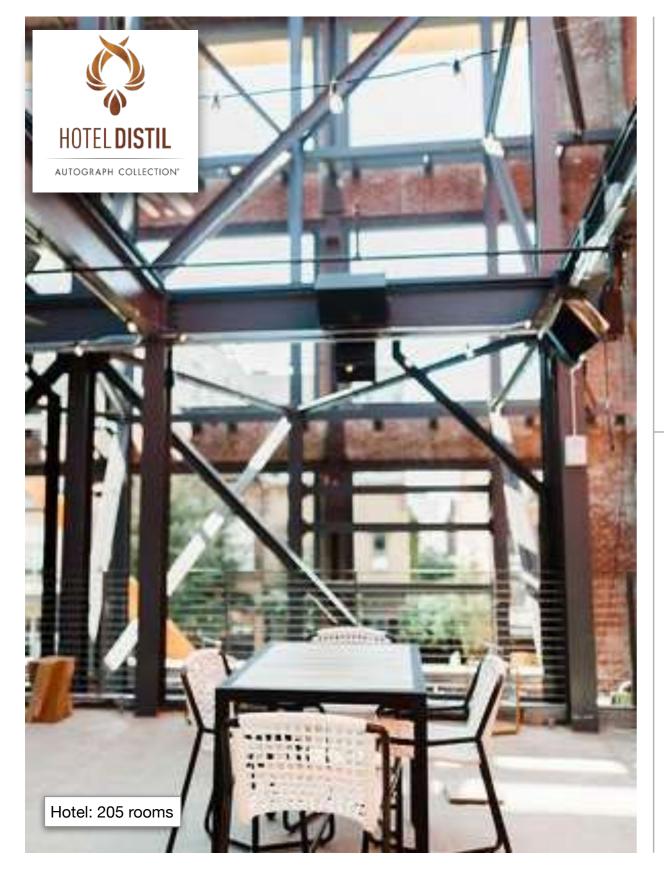








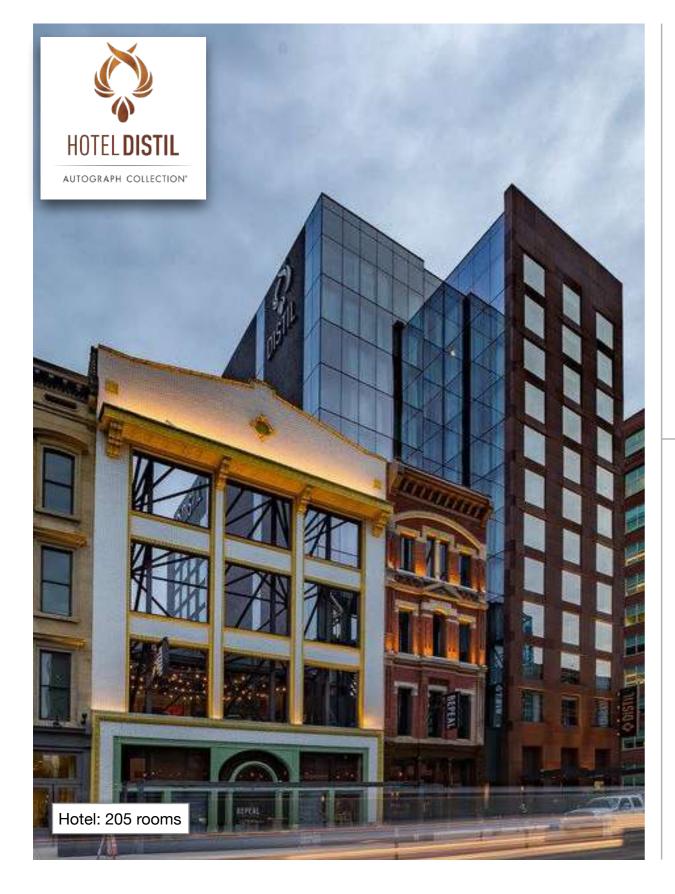
Westin Bear Mountain Resort Victoria BC







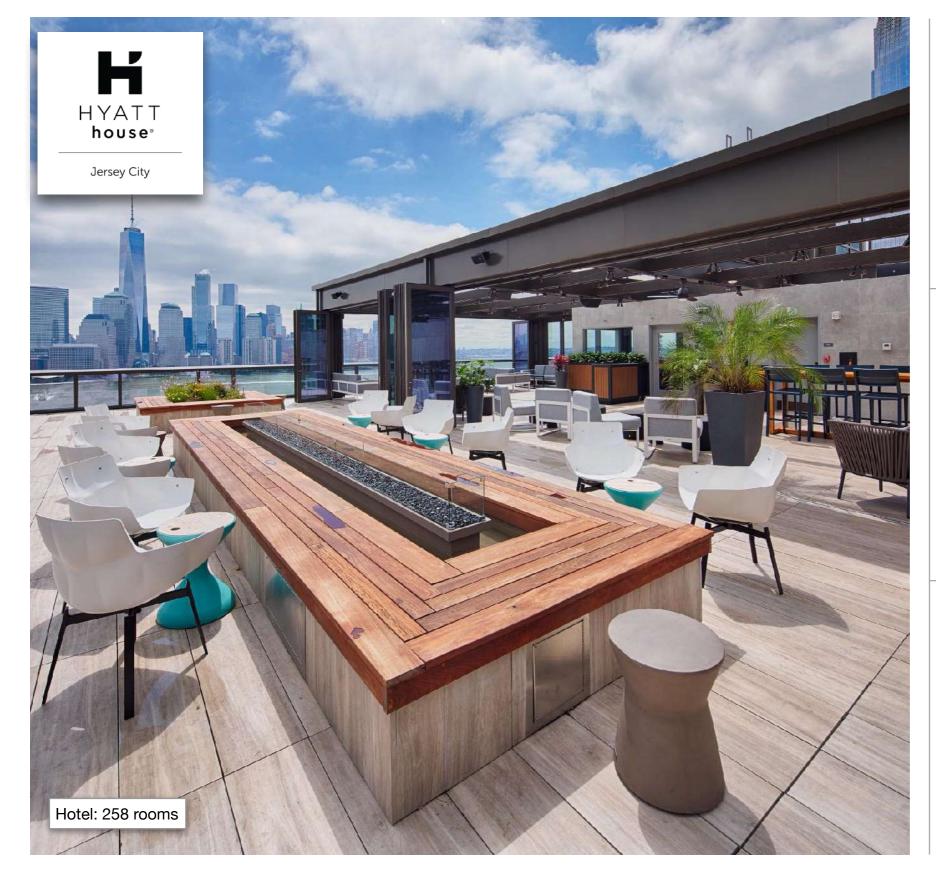
Bitters End @ Hotel Distil and Moxy Louisville Louisville, Kentucky







Bitters End @ Hotel Distil and Moxy Louisville Louisville, Kentucky

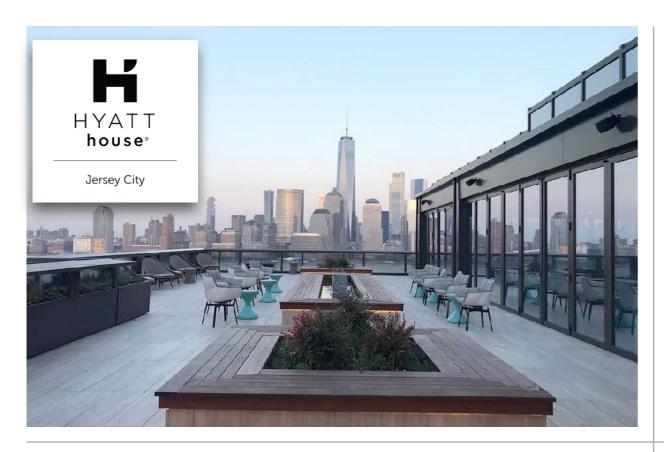






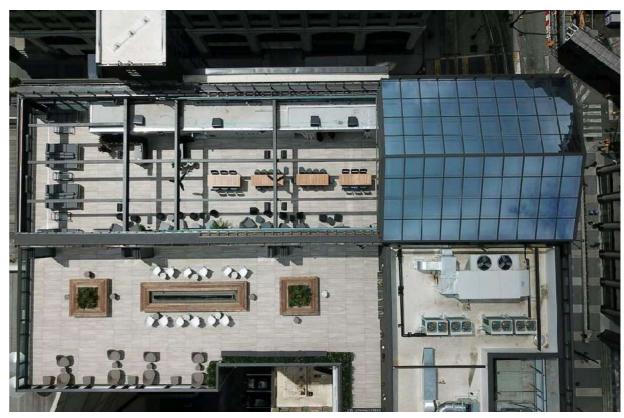




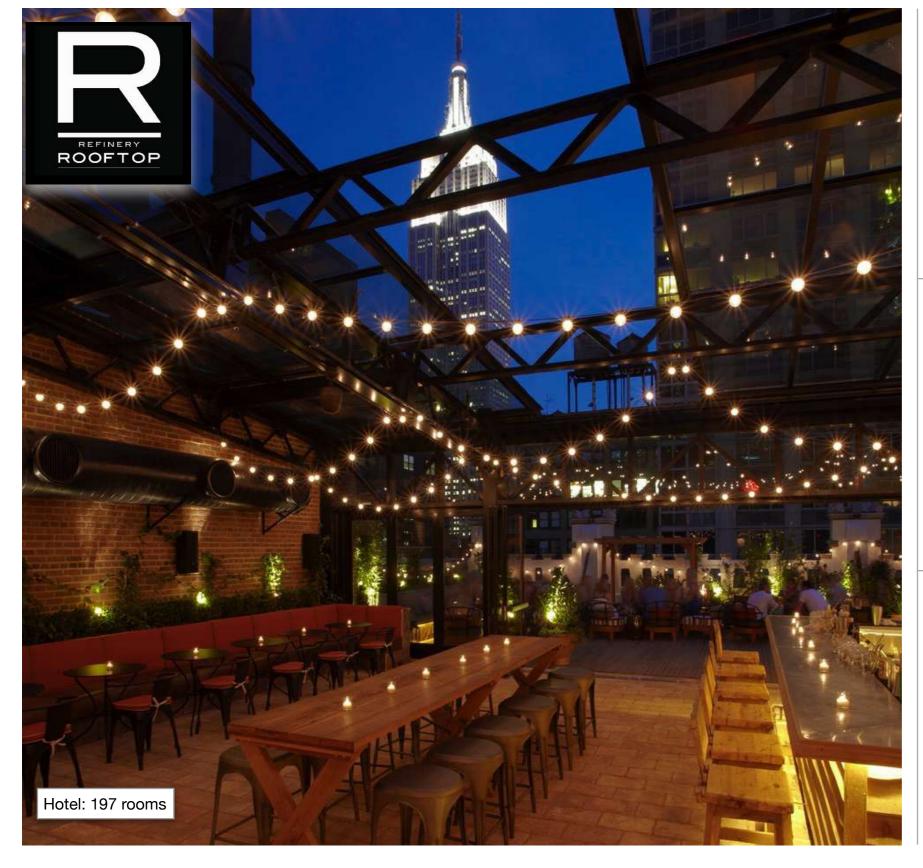




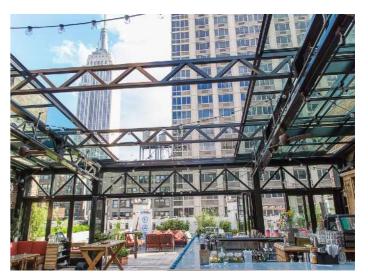




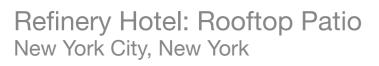
Hyatt House Rooftop Bar/Lounge Jersey City, New Jersey











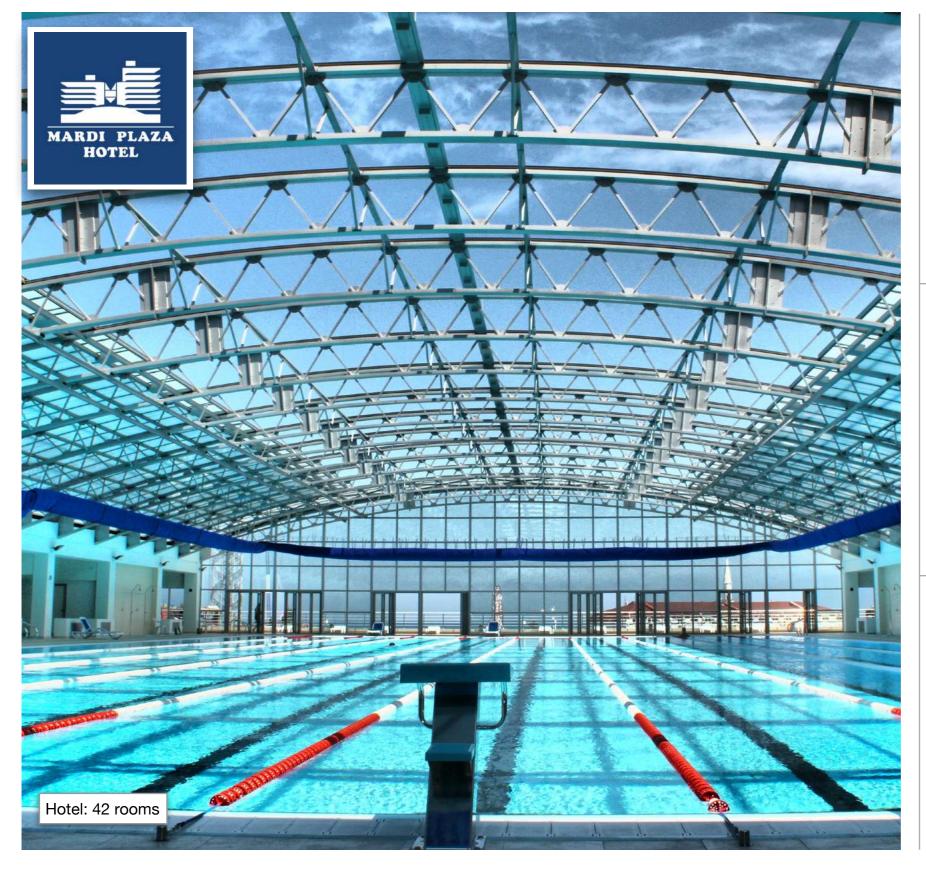








Moxy Hotel by Marriott - Rooftop Yoga Space Washington DC







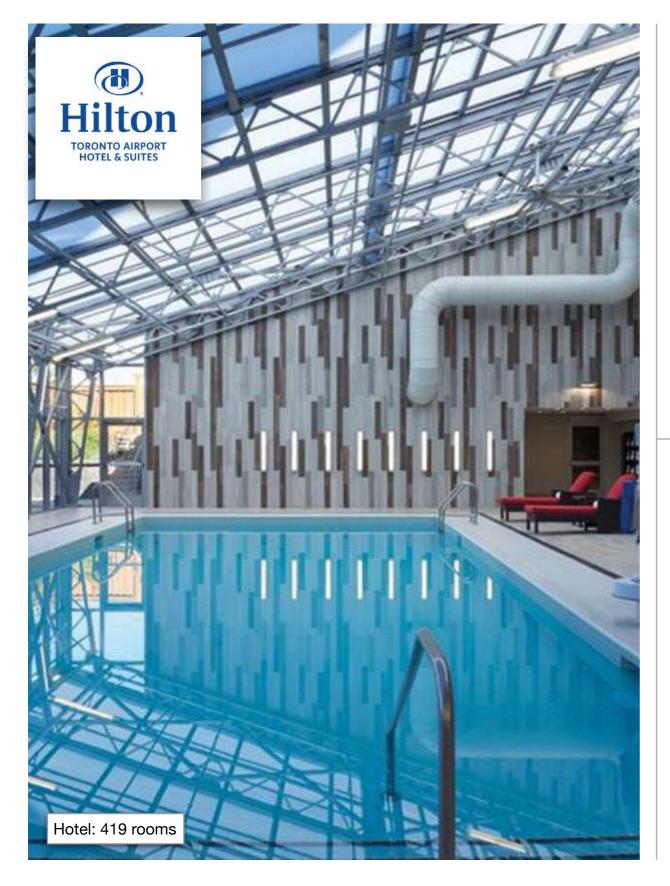






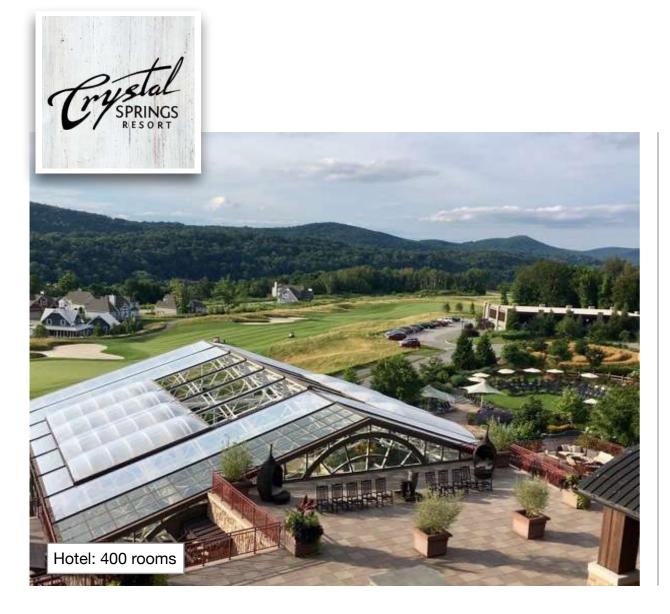


Mardi Plaza Hotel; Batumi Plaza Adjara, Republic of Georgia

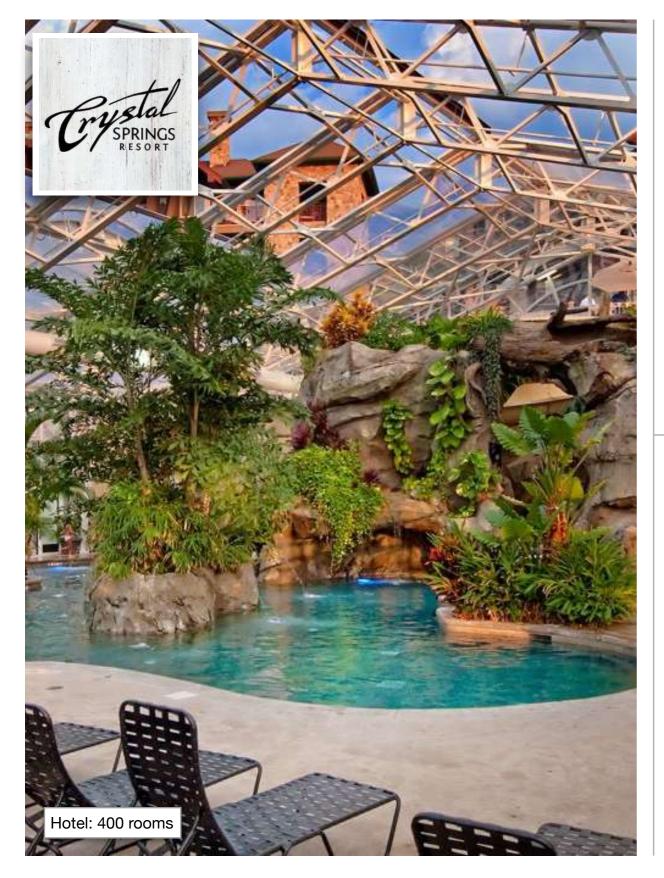








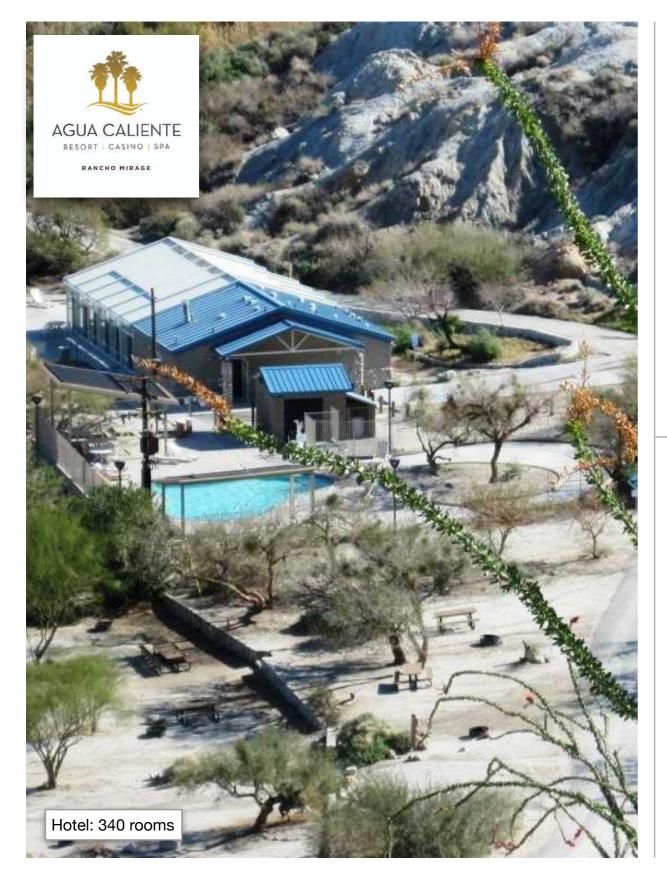








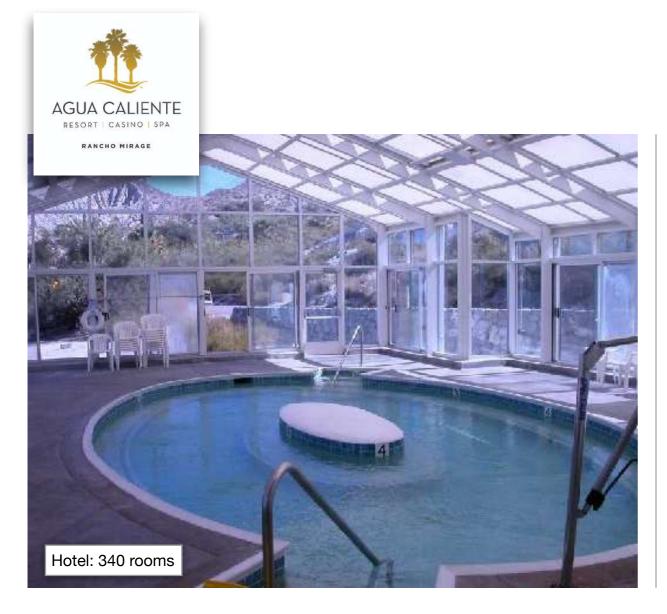
Grand Cascades Lodge - Crystal Springs Resort Hamburg NJ











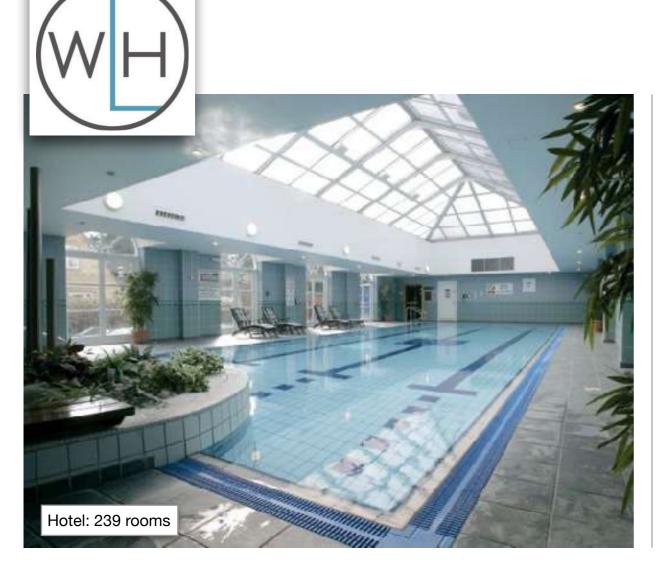








Cricket St. Thomas Hotel and Leisure Club Somerset, UK







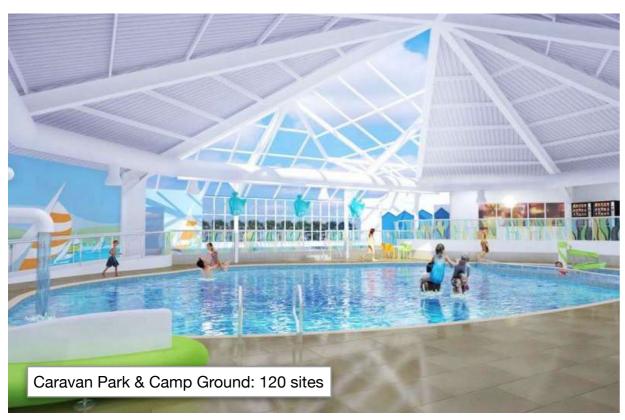








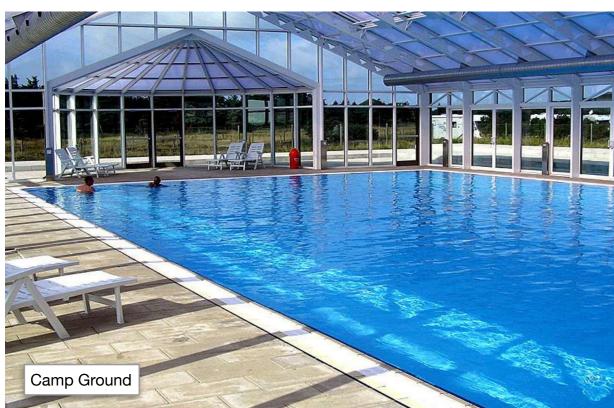






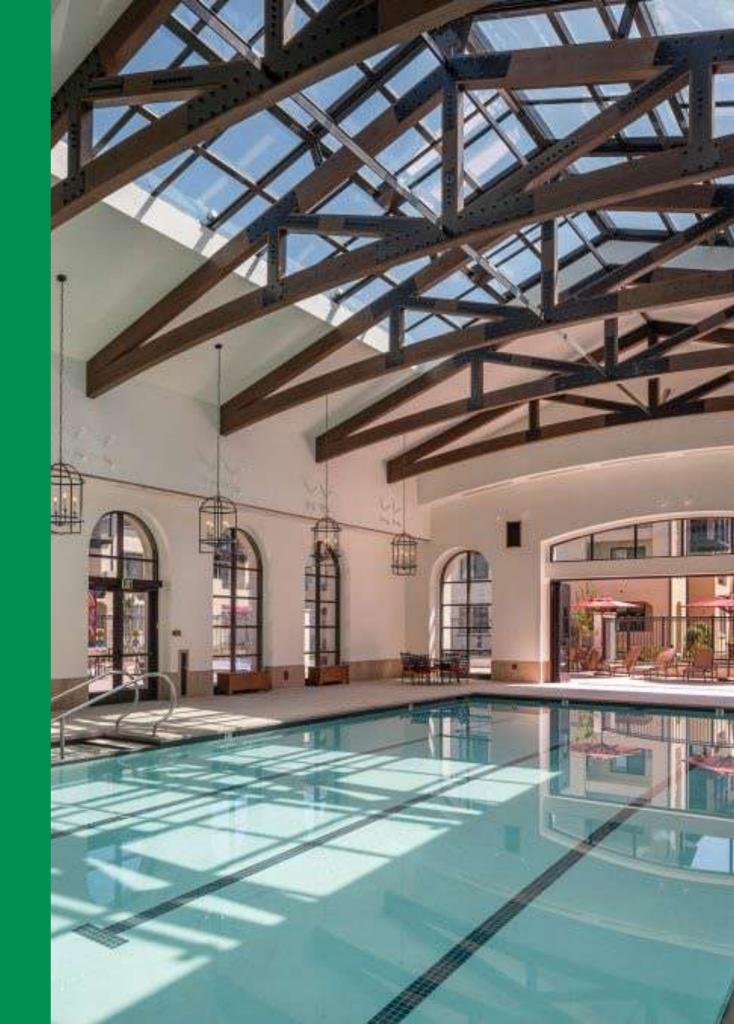


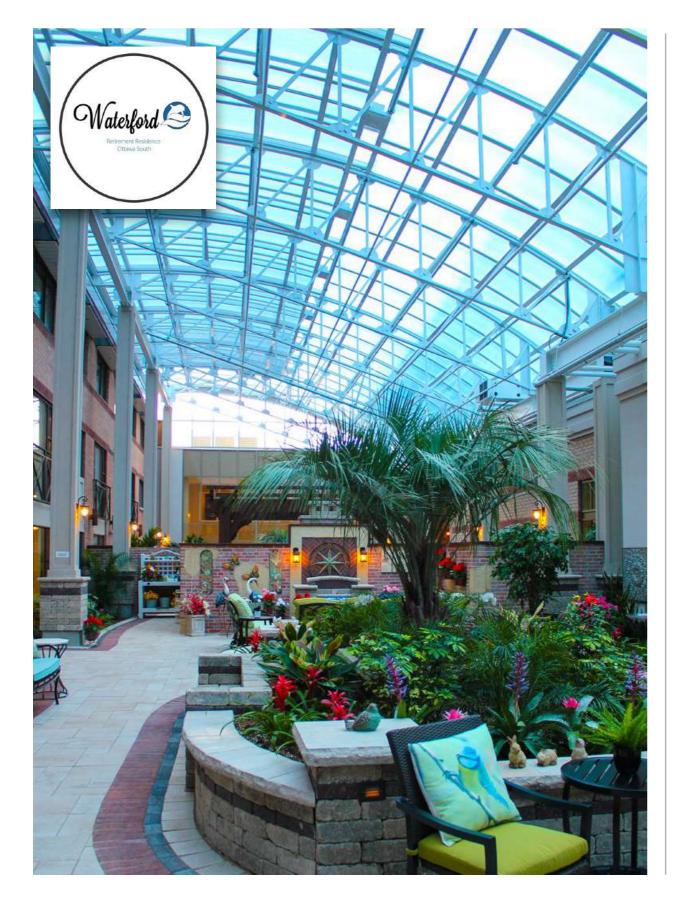






Retirement







Waterford Retirement Residence Ottawa Ontario









Heritage El Dorado Hills Fitness Center El Dorado Hills, California







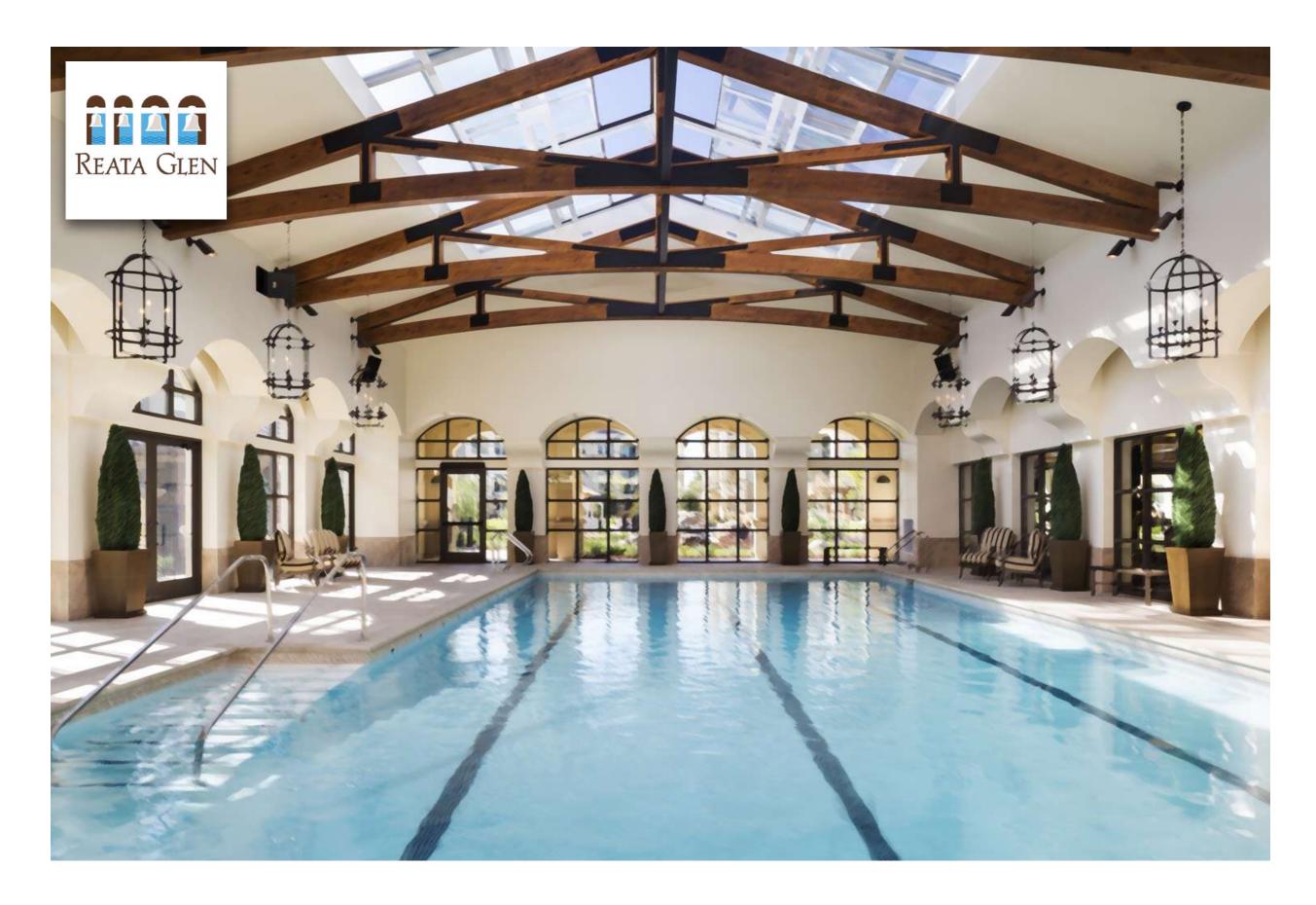
Eskaton Village Seniors Swim & Fitness Roseville California







Eskaton Village Seniors Swim & Fitness Placerville California



Reata Glen and The Glen at Scripps Ranch Retirement Communities Rancho Mission Viejo, CA & San Diego, CA



Reata Glen and The Glen at Scripps Ranch Retirement Communities Rancho Mission Viejo, CA & San Diego, CA



Reata Glen and The Glen at Scripps Ranch Retirement Communities Rancho Mission Viejo, CA & San Diego, CA









Rossmoor - Del Valle Pool Enclosure, Walnut Creek, California

FOUR SEASONS RETIREMENT COMMUNITY

PROPERTY OF COUNTRYSIDE HEALTHCARE CENTER

Four Seasons at Lakewood Ocean City, NJ

Four Seasons at Mapleton Mansfield, NJ

Four Seasons at Metedeconk Lakes Jackson, NJ

Four Seasons at Cranberry Princeton, NJ

Four Seasons Health Club Sioux City, Iowa

Four Seasons at Smithville Smithville, NJ

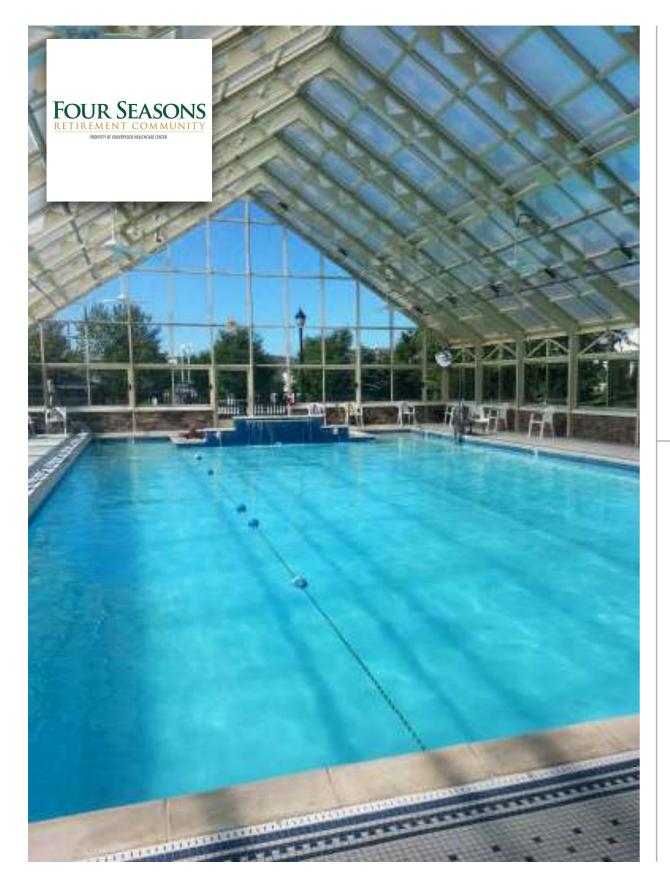
Four Seasons at Upper Freehold Allentown, NJ

Four Seasons at Wall Wall, NJ

Four Seasons at Weatherby Weatherby, NJ



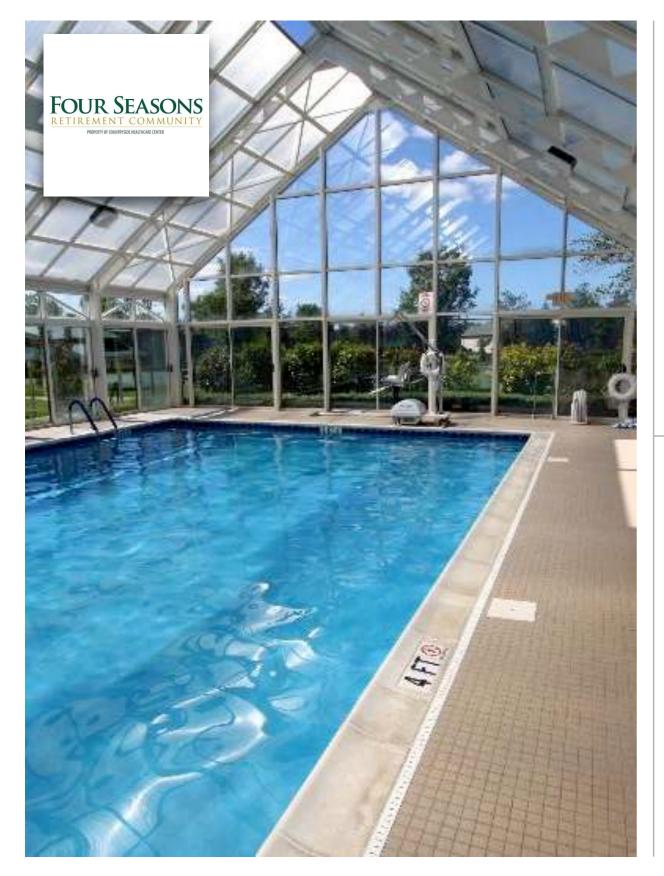








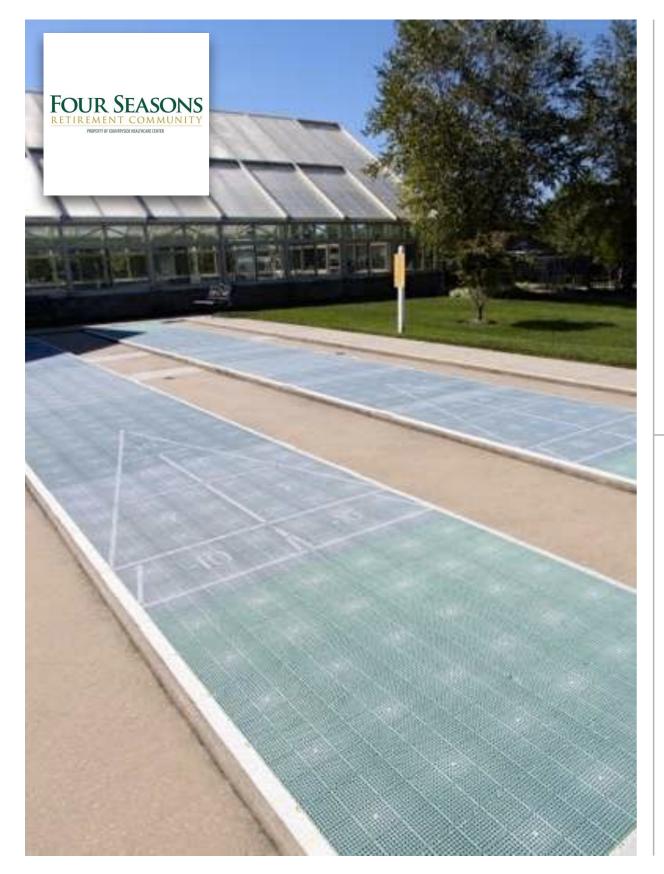
Four Seasons Spa & Country Club Community Various Locations







Four Seasons Spa & Country Club Community Various Locations





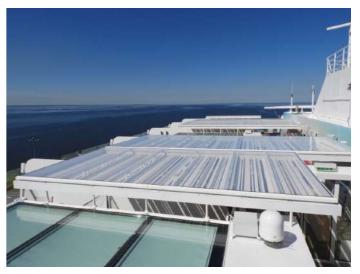


Four Seasons Spa & Country Club Community Various Locations

Cruise Ships











Mein Schiff 2 - Meyer Turku Builder Built in Finland, Ship Flag in Malta

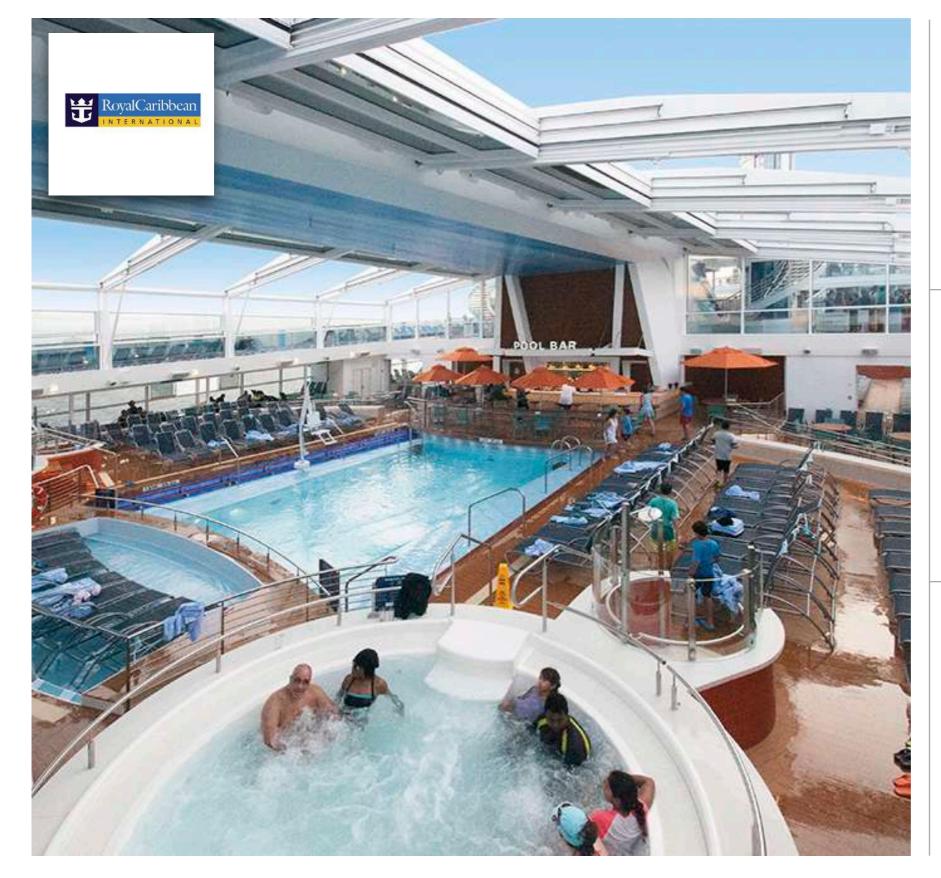


Royal Caribbean Ships:

- 1. Quantum of the Seas
- 2. Anthem of the Seas
- 3. Ovation of the Seas
- 4. Spectrum of the Seas
- 5. Harmony of the Seas









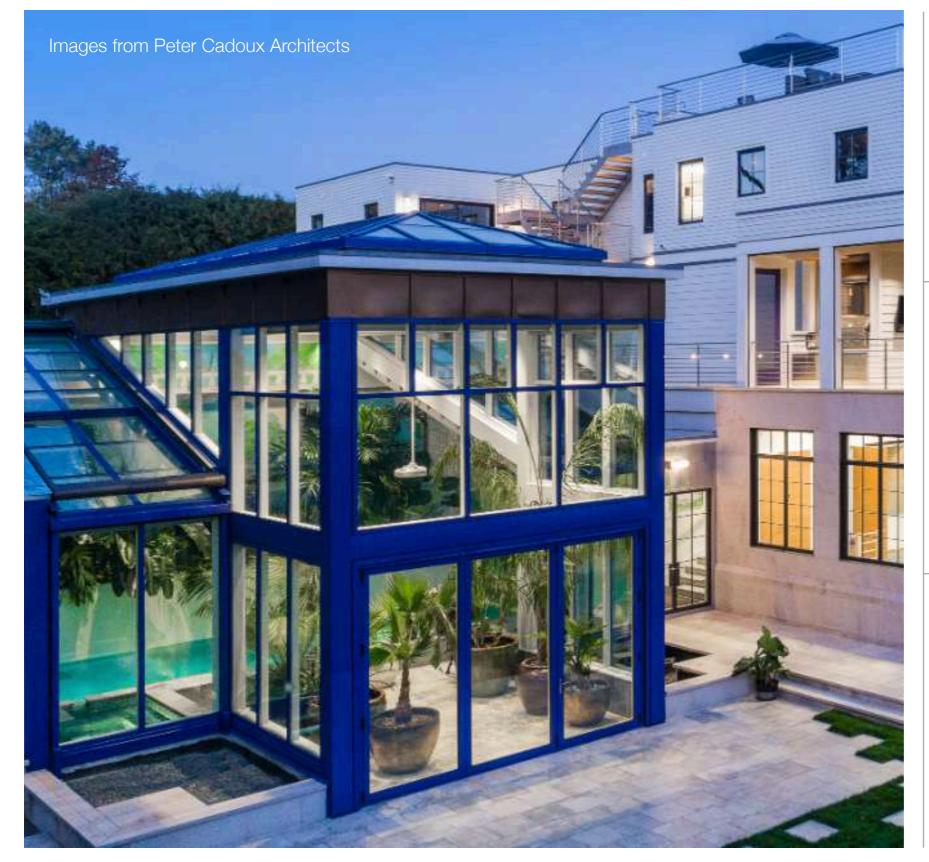




Quantum of the Seas Royal Carribean

Residential





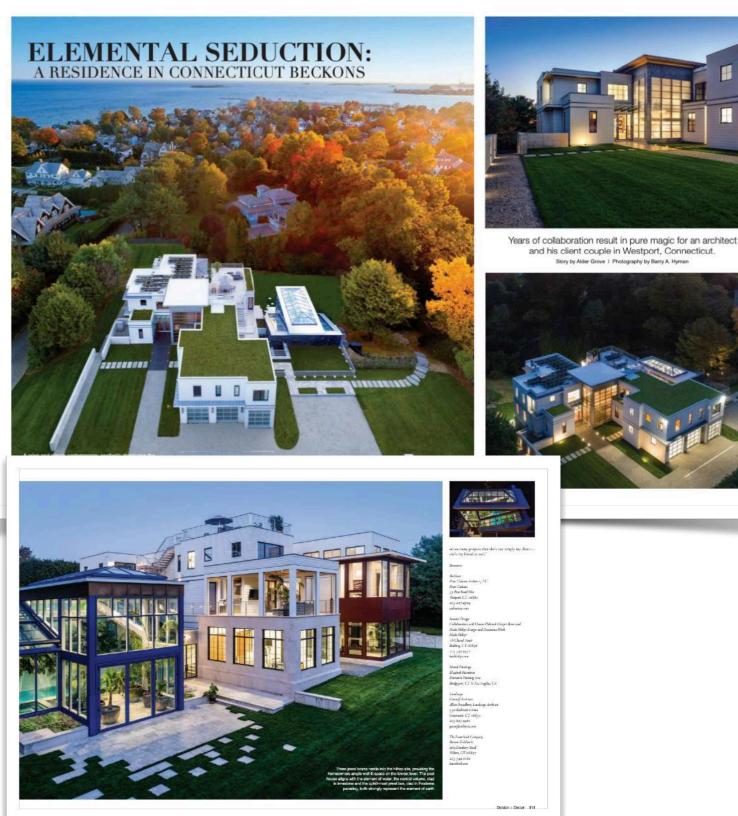


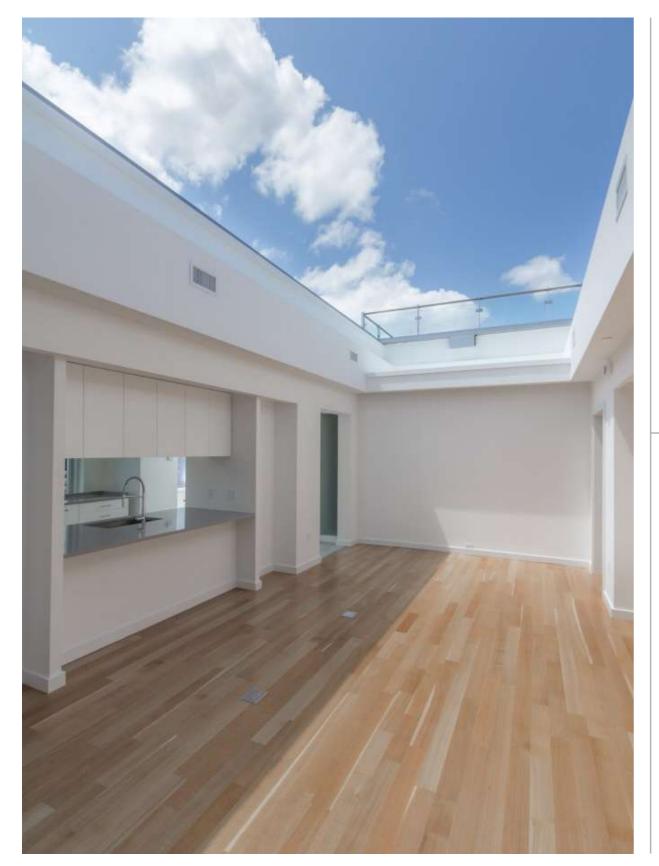


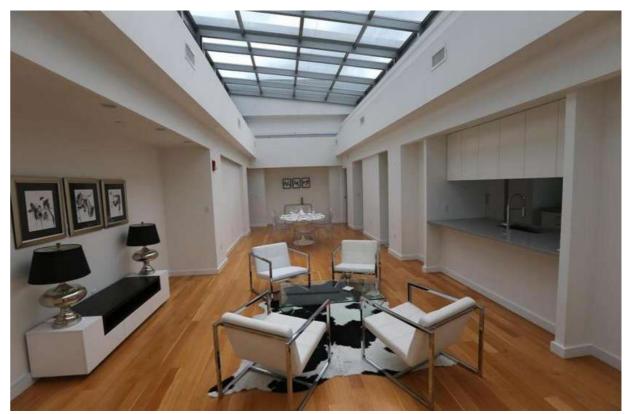


Blue Hill Residence Westport CT



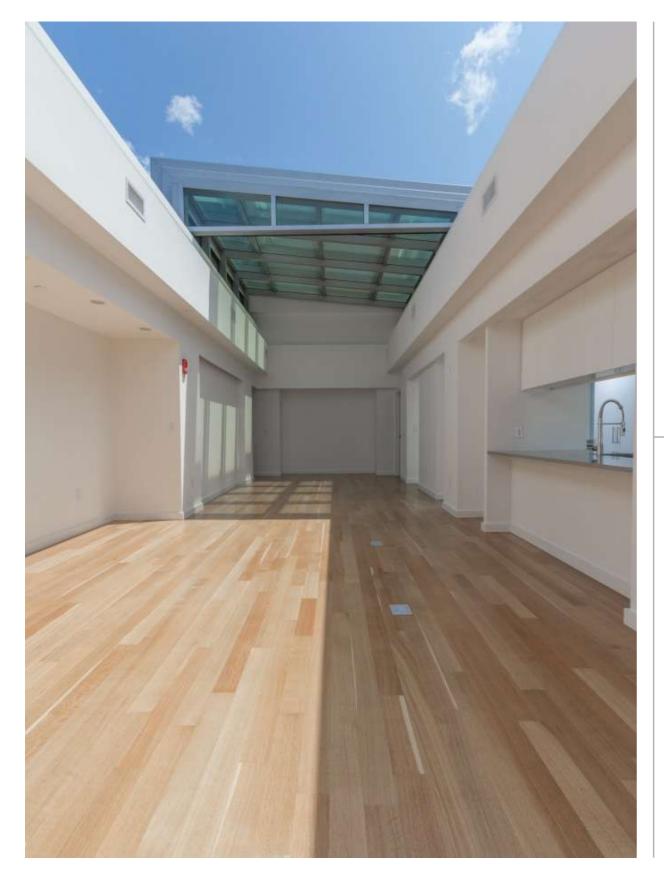








Macalllan Residence Penthouse,141 Dorchester Boston MA







Macalllan Residence Penthouse,141 Dorchester Boston MA













Private Residence Cambridge MA









Ice Condo Toronto, Ontario





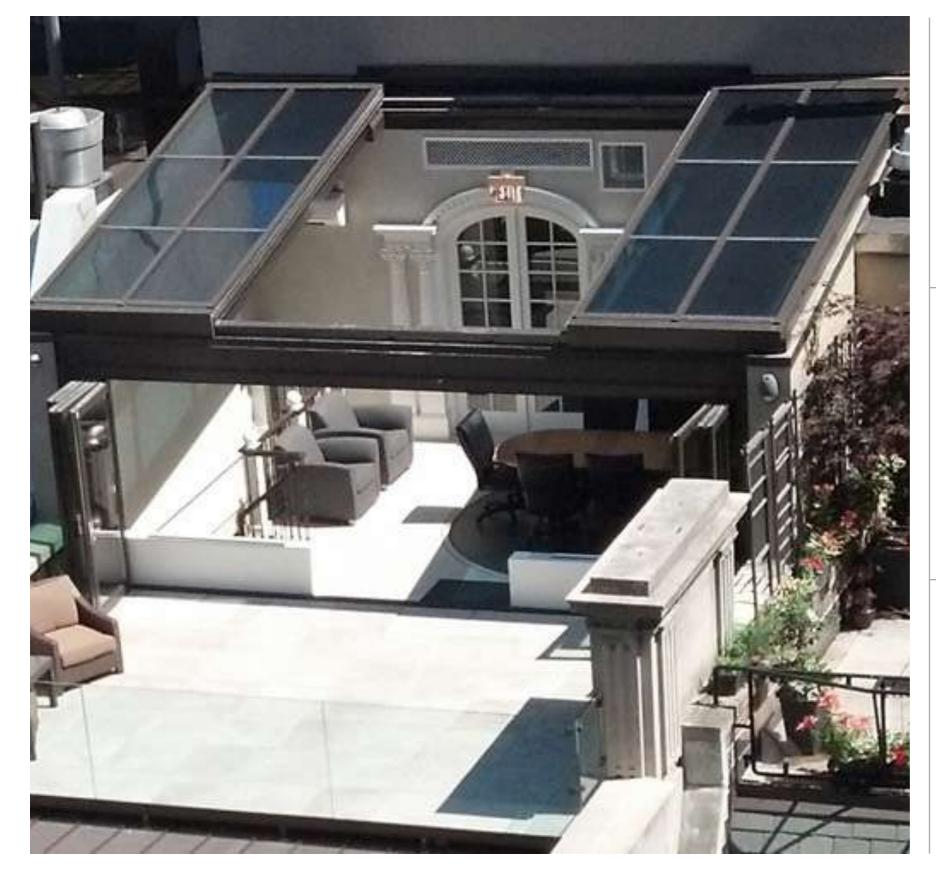






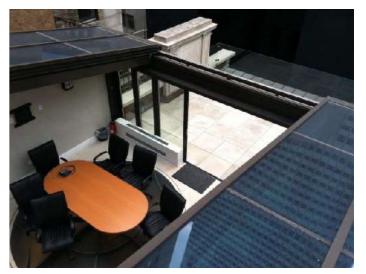


The Modern Castle of York Vaughan Ontario Canada

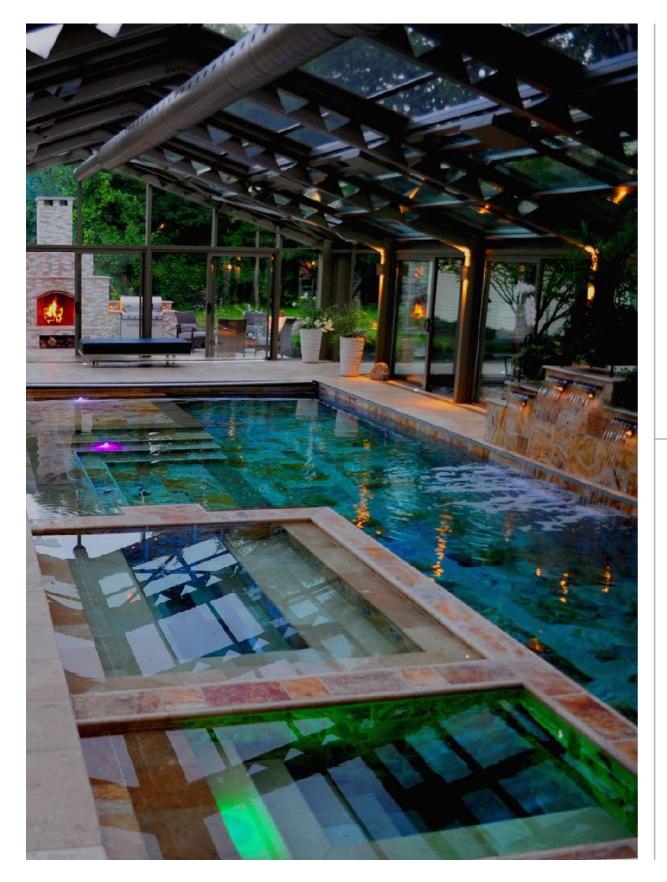








Lehman Mansion New York

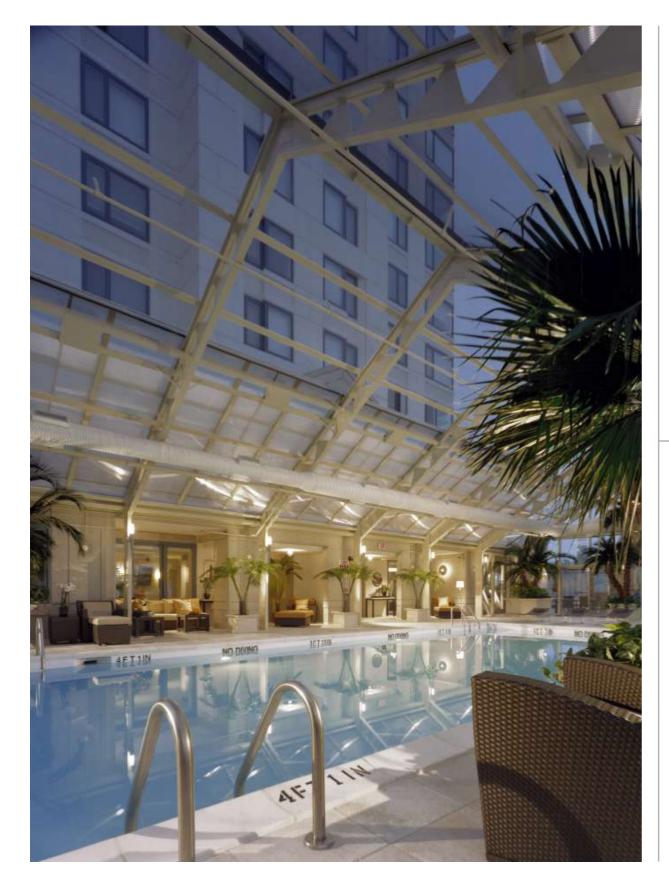






Private Residence Ontario

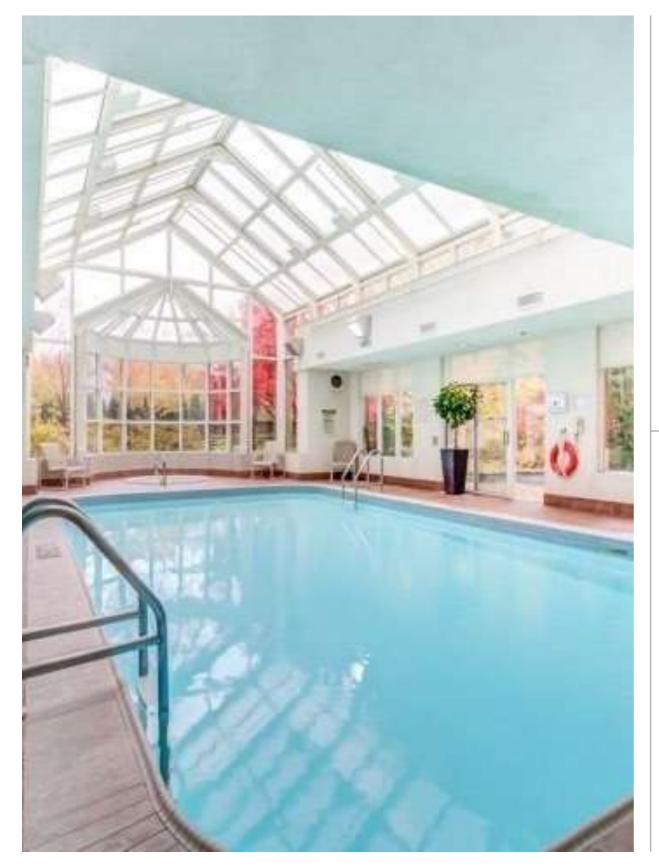








Bella Condominium Atlantic City, NJ







Bloorwalk Condos Toronto, Ontario



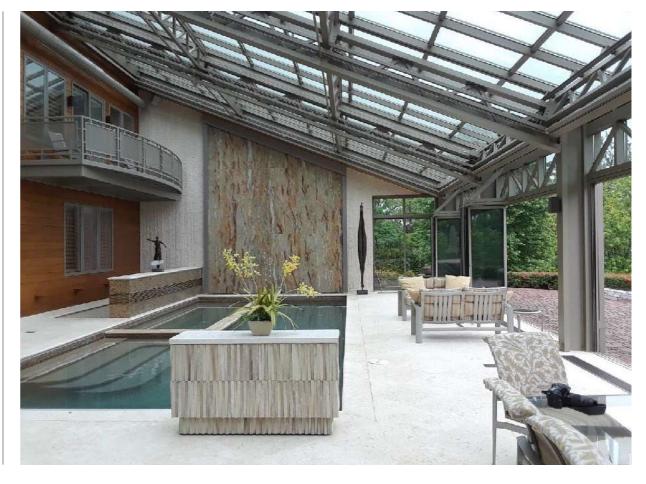






Private Residence Oakton, Virginia, USA





Custom Motorized Blinds in Enclosure







Private Residence Manchester by the Sea, MA









Private Residence Fort Erie, Ontario, Canada





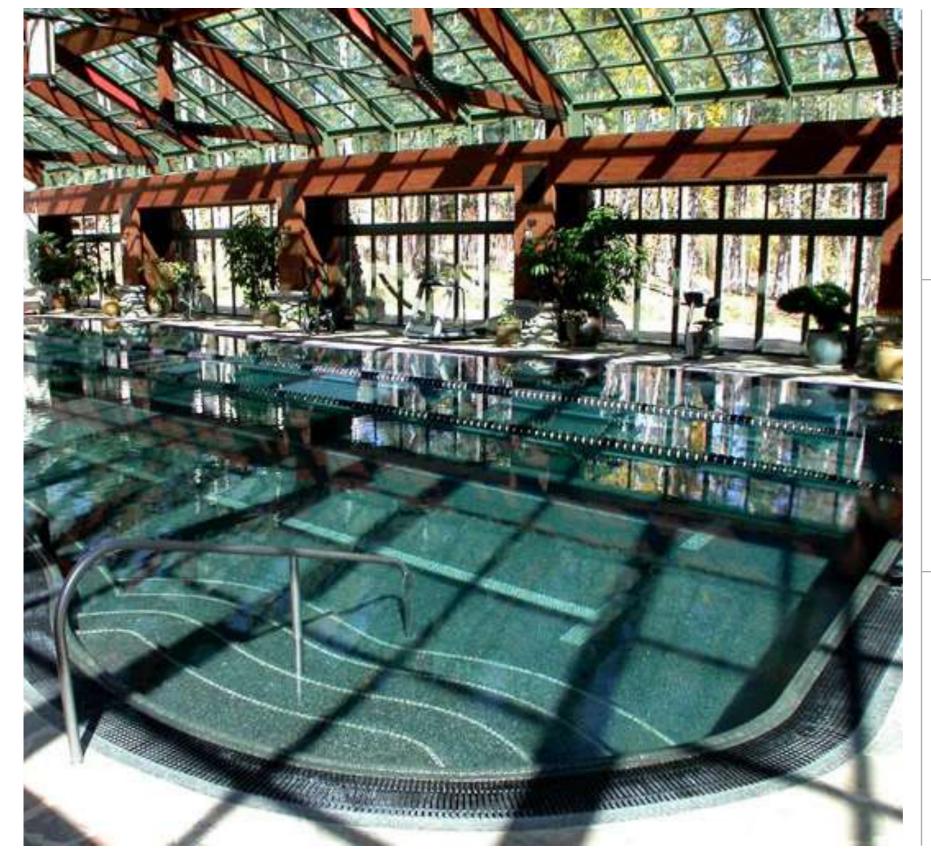








Callaway Court Vaughan, Ontario, Canada

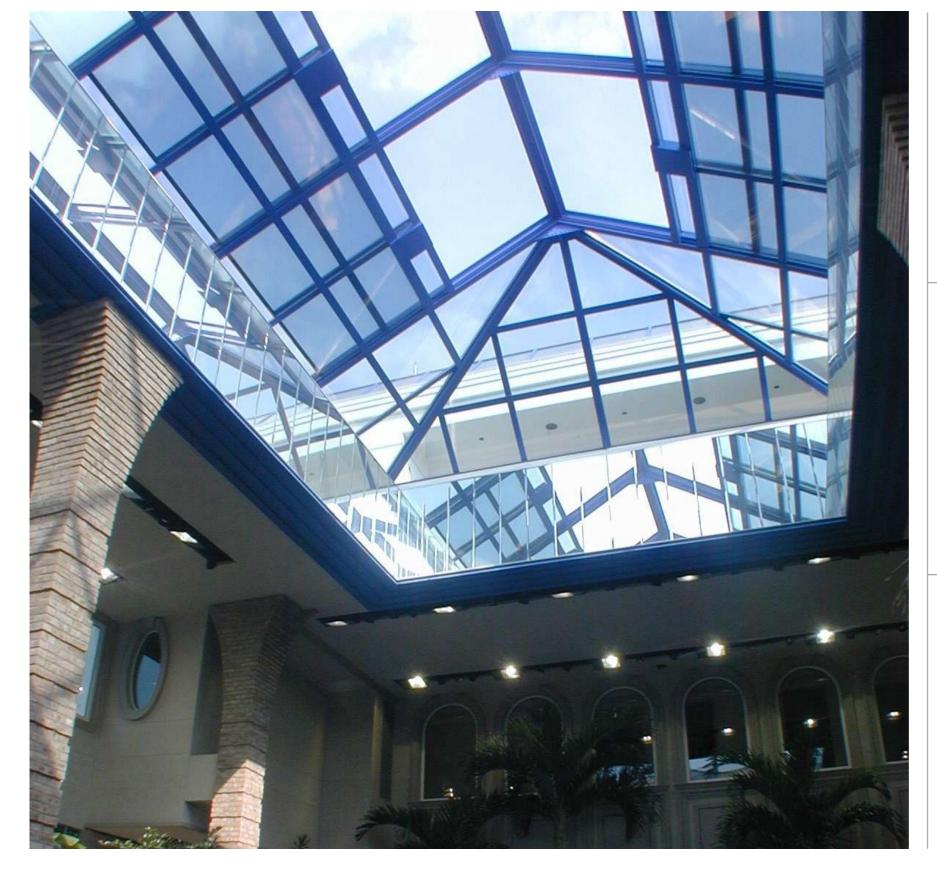








Bootjack Ranch (1 of 5 most expensive houses in the USA) Pagosa Springs, Colorado









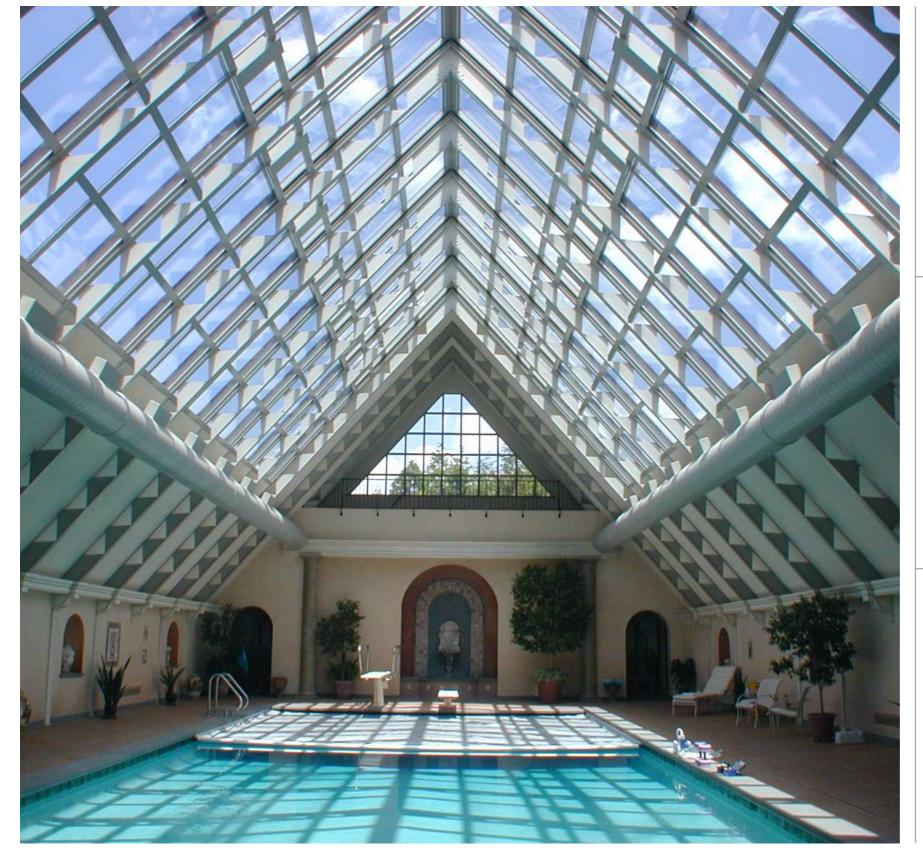
Private Residence (multiple skylights) Toronto, Ontario, Canada







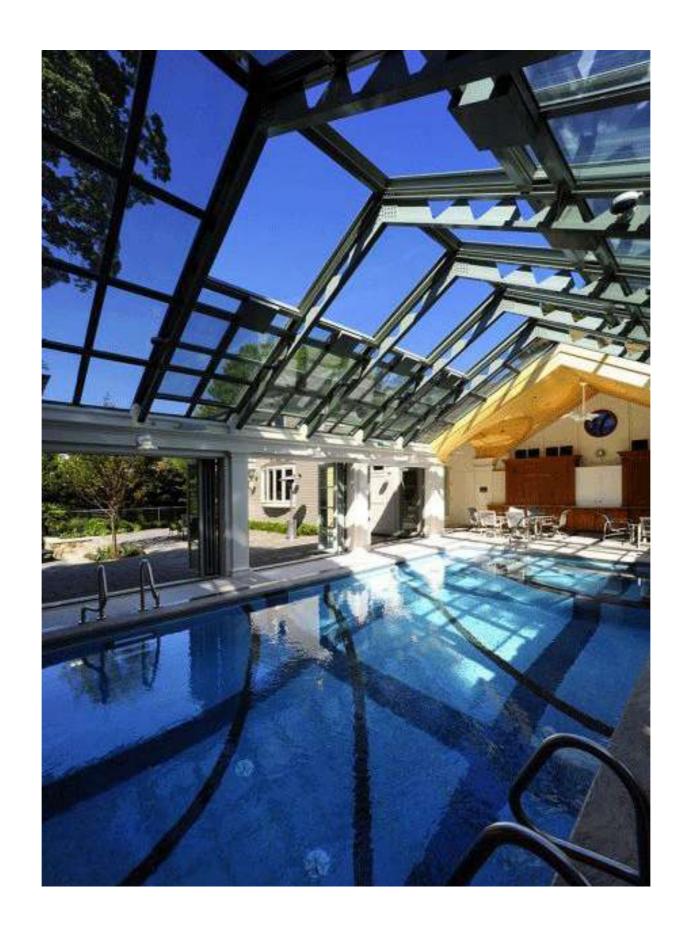


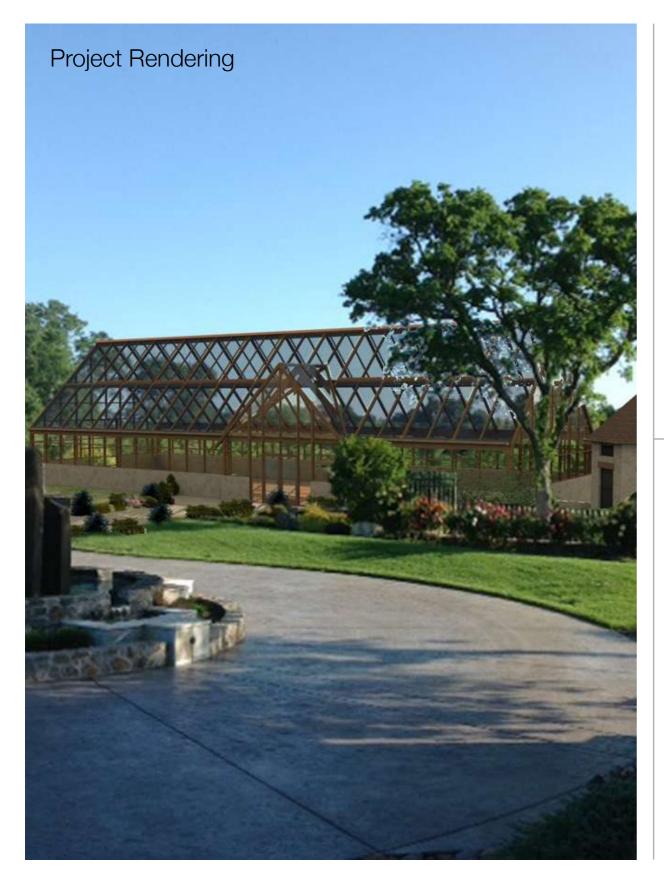








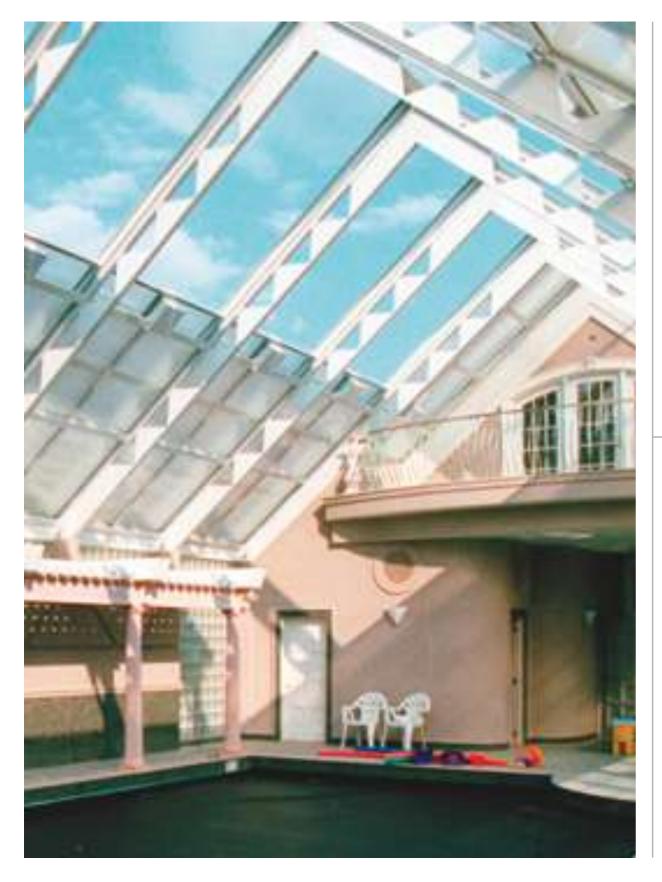








Private Residence Greenhouse Granite Bay, California



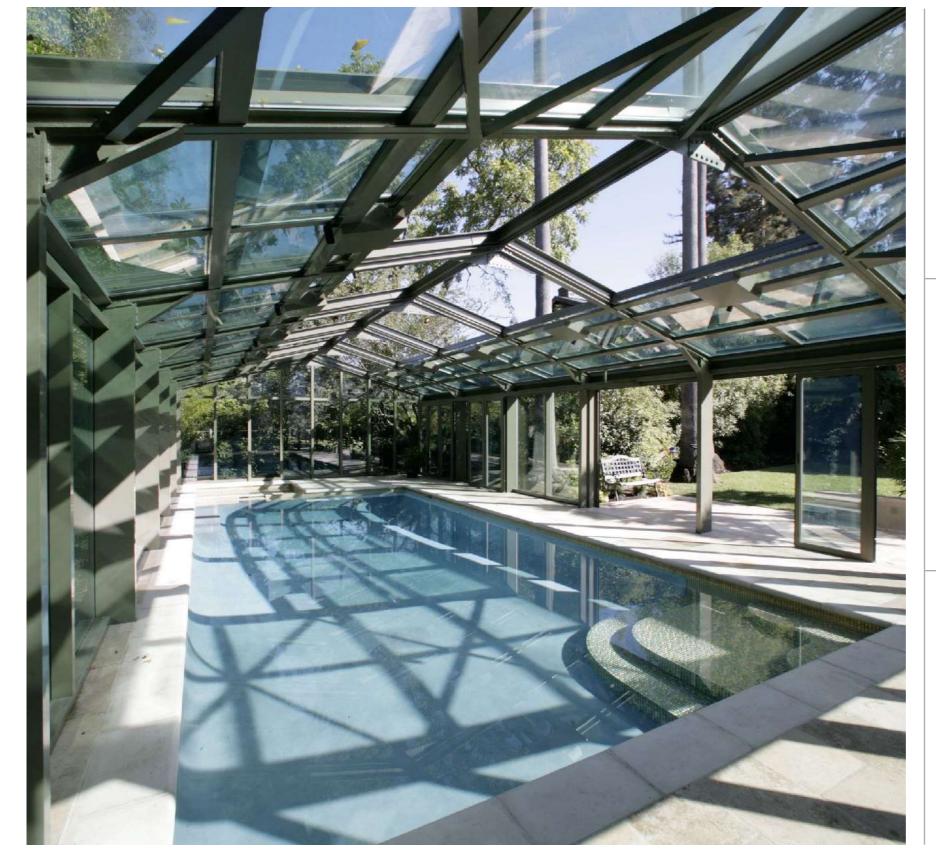




Private Residence



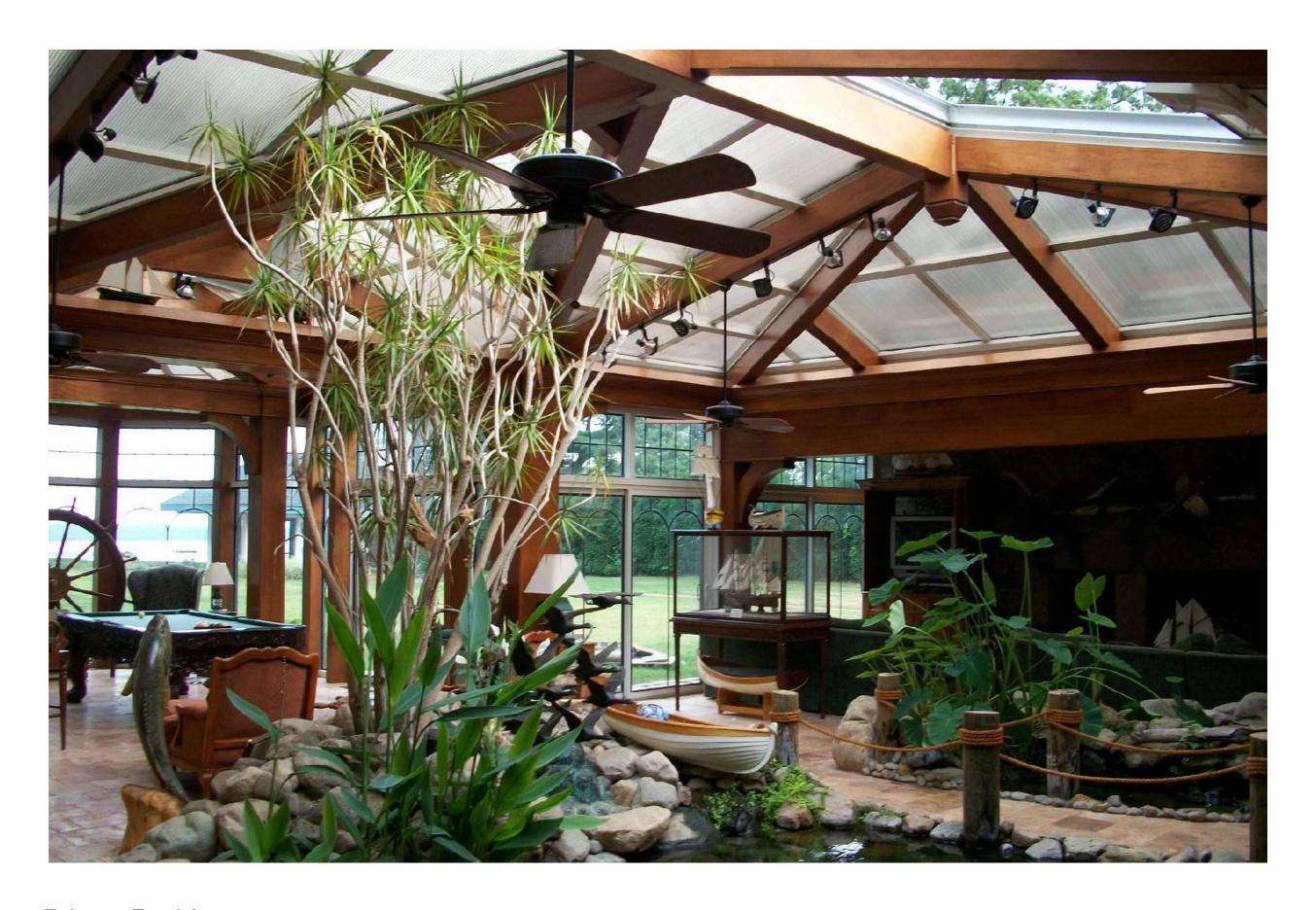


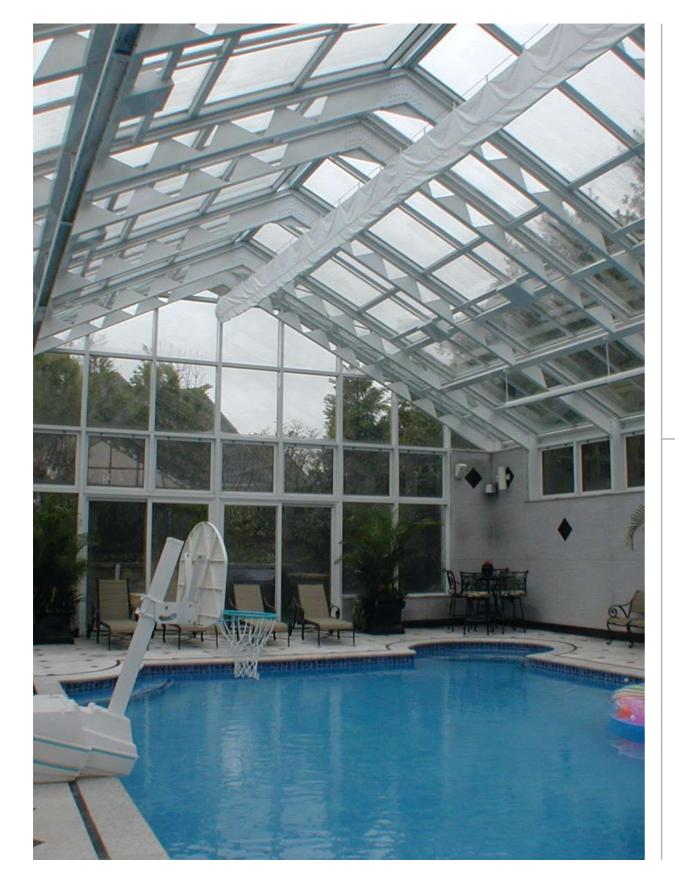
















Private Residence













Private Residence Brampton Ontario

Transportation











Windsor Train Station Windsor, Ontario





Education



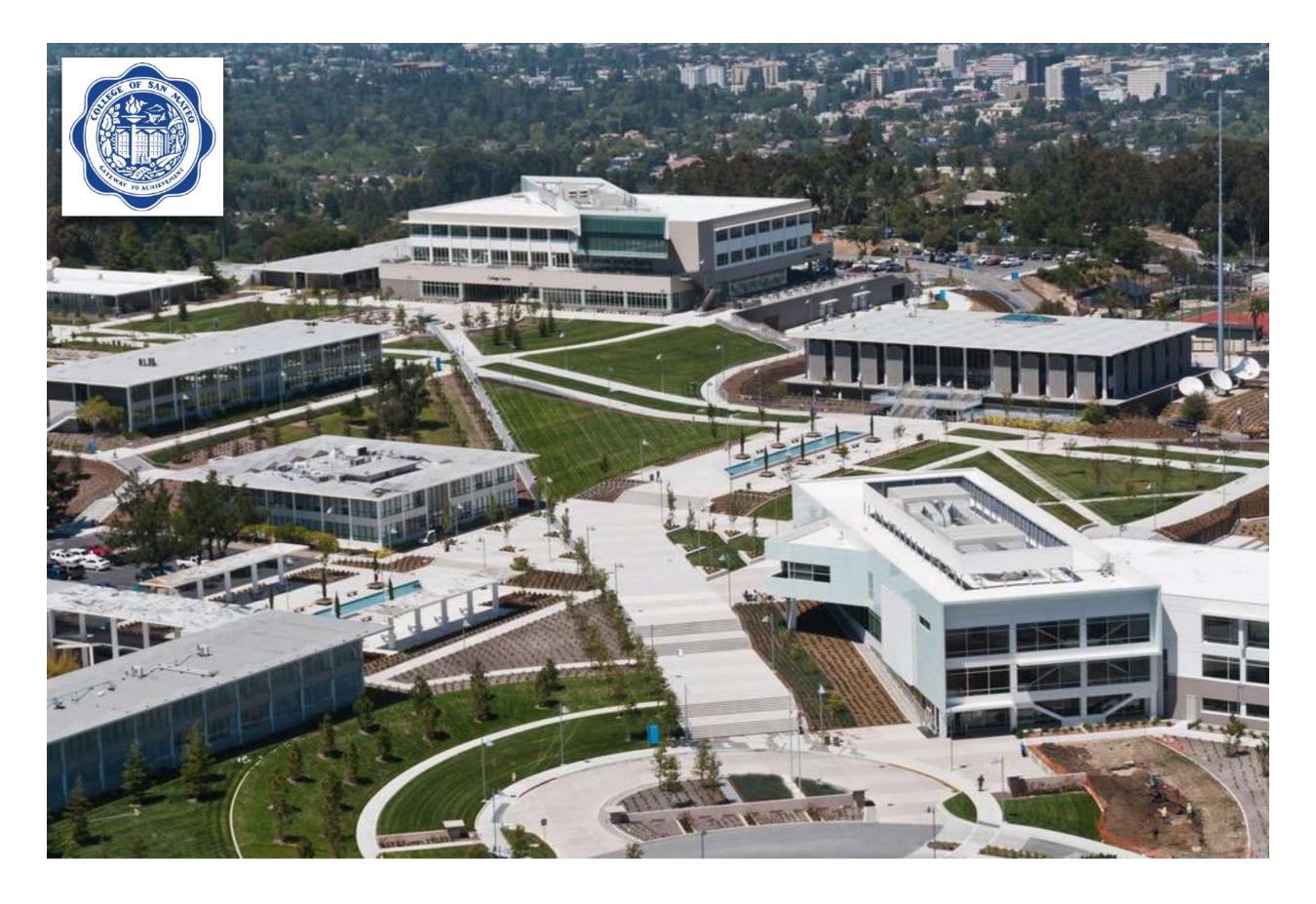








Fort Lewis Observatory
Fort Lewis College, Durango, Colorado



College of San Mateo Campus San Mateo, CA



Thank you

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Tel: 905-901-8535

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