

CREATING WITH CONSCIENCE


Sustainable architecture is neither a style nor an afterthought to design. It is a principle that drives innovation and high performance across the CityCenter community.

From the inception of CityCenter, throughout design, development and construction, there was one goal in mind: create a destination that is not only built in an environmentally sustainable manner but operates every day with the same commitment to conserving natural resources.

The CityCenter team set a standard for responsible growth in Las Vegas by earning the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®) Gold certification. LEED is the nationally accepted benchmark for the design, construction and operation of high-performance green buildings.



ENERGY

 The shading louvers above each window in ARIA and Veer decrease the amount of solar heat gain, or heat entering the building. High-performance windows and light-colored rooftops also reduce the energy needed to cool indoor spaces by minimizing heat transfer.


A state-of-the-art central power plant captures emitted heat before it enters the atmosphere. The captured hot air is used to heat water in all buildings and pools, reducing the energy that would otherwise be used by boilers.

Low-wattage lighting sets the ambiance in guestrooms, public spaces and garages.

Radiant floor cooling in Crystals uses less energy for air conditioning by chilling the air specifically in occupied areas rather than cooling the entire open space.

WATER

CityCenter saves an estimated 50 million gallons of water each year compared to traditionally designed buildings. This equates to an overall savings of 33% within the buildings through efficient showers, faucets, toilets, and urinals.

 CityCenter uses 60% less water for landscaping through the use of efficient irrigation fixtures and plant selection.

CityCenter uses many creative water-saving practices like the elimination of table linens at most restaurants. Reduced laundering requirements also lower the amount of chemicals entering the water supply.

TRANSPORTATION


CityCenter is a sustainable urban community which includes hotels, residences, restaurants, stores, and entertainment venues all within a walkable distance.

 CityCenter is connected to Bellagio and Monte Carlo via a tram and provides easy access to public transportation.

Employees who choose to bike to work can utilize bike racks in the employee garages and can access showers.

Preferred parking is available for guests driving alternative fuel or low-emitting vehicles like hybrids and electric cars.

WASTE

 Four CityCenter recycling docks are used to separate and collect recyclable materials, including paper, plastic, glass, cardboard, metals, kitchen grease, and other commodities.

"To Go" packaging at select restaurants is manufactured with non-petroleum-based materials and is recyclable and sometimes biodegradable.

MATERIALS

During design and construction, a preference was given to materials that are manufactured locally and/or with recycled content.


Select uniforms are made from a recycled polyester weave and can be recycled into new uniforms at the end of their useful life.

 More than 50% of all wood products used in ARIA and Crystals are Forest Stewardship Council certified, meaning that the wood comes from forests that have sustainable management practices in place.

WELLNESS

At CityCenter, we selected paints, glues and carpets based on their low- or non-emitting qualities. Low-emitting products release fewer harmful chemicals into the air.

Engineered wood, or composite wood, used at CityCenter does not contain any added urea-formaldehyde, another toxic chemical.

 Guests can choose a non-smoking pathway through the casino to minimize exposure to tobacco smoke.

Bathroom amenities in ARIA are paraben- and sulfate-free and packaged in recyclable containers.

Catering and Conventions offer organic menu options.

Dining establishments feature fresh, organic, sustainable, and local ingredients when possible and select bars offer organic wines and spirits.

CityCenter implements green cleaning practices, using products that meet strict health and environmental standards.



ENVIRONMENTAL COMMITMENT

CityCenter, an extraordinary urban resort destination, was created with a vision to bring a new level of environmental consciousness to the world-famous Strip. These categories represent the key areas of CityCenter's environmental commitment.

ENERGY

To reduce the amount of fossil-fuel based power, many measures were taken during the design of CityCenter to achieve a more than 30 percent improvement in energy efficiency compared to traditionally designed buildings.

WATER

Water is a precious resource, especially here in the desert. From plumbing design to investment in low-flow technologies to conscientious operating procedures, the CityCenter team incorporated water conservation practices throughout the campus.

TRANSPORTATION

All CityCenter attractions are within walking distance. Many services and amenities are located either on the CityCenter campus or within a half-mile radius, reducing guests' and residents' dependence on automobiles.

WASTE

Committed to reducing its environmental footprint, the CityCenter team developed a strict construction waste management plan at the outset of the project to redirect recyclable and reusable resources back to the manufacturing process. This program extends through to daily operations.

MATERIALS

When selecting materials for CityCenter, designers used products manufactured with recycled content. They also sought local and regional products to minimize the emission of greenhouse gases caused when materials are transported.

WELLNESS

Guest and employee comfort is paramount to the CityCenter experience. An indoor air quality plan was implemented and non-toxic products were selected to ensure a healthier environment.

CITYCENTER BY THE NUMBERS

- Water savings at CityCenter is equal to offsetting the annual water consumption of more than **380** households.
- CityCenter designed a highly efficient, state-of-the-art **8.2** megawatt, central plant with a combined heat and power system that captures excess heat to warm domestic hot water for hotel use.
- Energy savings at CityCenter are equivalent to powering **8,800** households annually.
- As an urban community, CityCenter has a density of **112** units per acre, which is comparable to the density of Manhattan.
- More than **93%** of the CityCenter construction waste has been diverted from the landfill and recycled.
- **26** limousines represent the world's first fleet to operate exclusively on compressed natural gas, resulting in lower harmful environmental emissions.



ARIA RESORT & CASINO
3730 Las Vegas Boulevard South, Las Vegas, NV 89109
866.359.7757 arialasvegas.com

VDARA HOTEL & SPA
2600 West Harmon Avenue, Las Vegas, NV 89109
866.745.7767 vdara.com

MANDARIN ORIENTAL, LAS VEGAS
3750 Las Vegas Boulevard South, Las Vegas, NV 89109
888.881.9578 mandarinoriental.com/lasvegas

CRYSTALS RETAIL AND ENTERTAINMENT DISTRICT
3720 Las Vegas Boulevard South, Las Vegas, NV 89109
866.754.2489 crystalsatcitycenter.com

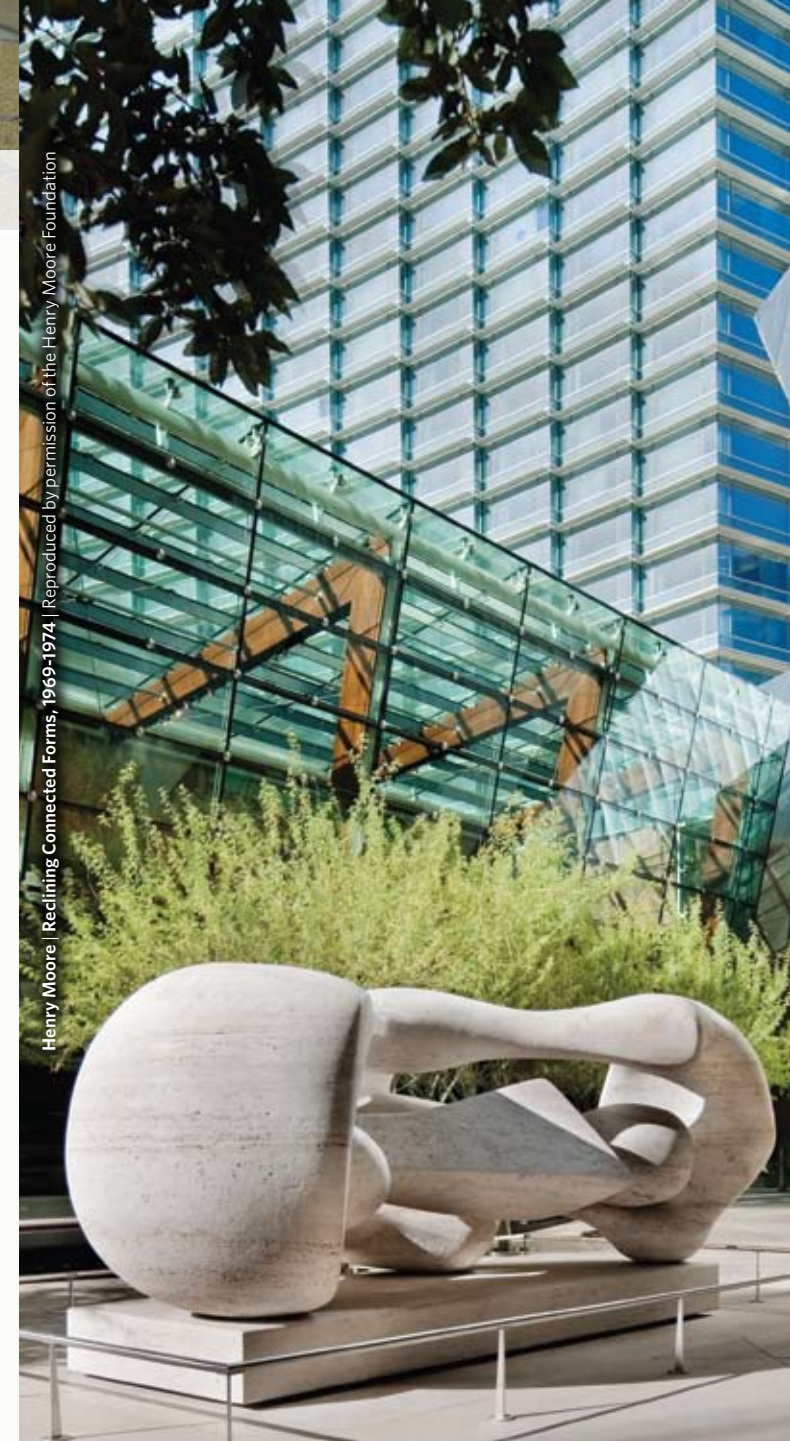
CITYCENTER RESIDENTIAL
3780 Las Vegas Boulevard South, Las Vegas, NV 89109
866.708.7111 citycenter.com



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ENVIRONMENTAL COMMITMENT