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GRAND HYATT AT SFO

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LEED GOLD CERTIFICATION AND SUSTAINABILITY INITIATIVES

Grand Hyatt at SFO

Located at San Francisco International Airport (SFO), Grand Hyatt at SFO features 351 rooms, a fitness center, restaurant, market, bar and 15,000 square feet of flexible meeting and event space. The hotel is designed and constructed to reflect its distinct environment within the backdrop of exceptional service, dramatic architecture and innovative design. Furthermore, the facility is designed to achieve Leadership in Energy and Environmental Design (LEED) Gold certification (expected early 2020). Available for virtually all building, community and home project types, LEED provides a framework to create healthy, highly efficient and cost-saving green buildings. This document provides a summary of features that are in place for the building to achieve LEED certification and to operate more sustainably. As a property operated by Hyatt and owned by the City and County of San Francisco, Airport Commission, the hotel's operations reflect the sustainability platforms of these two organizations.

- [Learn more about sustainability at Hyatt](#)
- [Learn more about sustainability at SFO](#)



HIGHLIGHTS

- 6,700,000 gallons of water saved per year thanks to water-efficient design
- 41% lower water consumption linked to toilets, lavatory faucets, kitchen faucets and showerheads compared to LEED baseline
- 133,000 kWh of energy generated annually by roof-mounted photovoltaic panels
- Designed to be 26% more energy efficient than that of a baseline hotel
- Conveniently placed recycling bins throughout the property

CONSERVING WATER RESOURCES

The efficient use of water is paramount in California where droughts are persistent. The design of Grand Hyatt at SFO incorporates the following features to meet and exceed San Francisco's water-conservation regulations:

- 41% lower water consumption due to more efficient flow and flush toilets, lavatory faucets, kitchen faucets and showerheads
- Cooling towers with state-of-the-art water flow controls
- Low-flow pre-rinse spray valves
- Energy Star®-rated ice machines
- Dual plumbing installed for future use of reclaimed water for toilet flushing and irrigation
- Colleague training to ensure water-conservation principles are adhered to through ongoing daily operations

The efficiency measures are expected to reduce water consumption by about 6,700,000 gallons per year compared to buildings designed to standard codes.

DRIVING ENERGY EFFICIENCY AND INCREASING RENEWABLE ENERGY

The hotel is designed to California's 2013 Title 24 standards, exceeding energy efficiency of buildings elsewhere in the country. Additionally, SFO has set a goal to become the world's first Zero Net Energy (ZNE) airport campus by 2021. A ZNE building is one that generates renewable energy onsite equal to what it consumes over the course of a year. Grand Hyatt at SFO is designed to be ZNE capable with strategies like:

- 90 kW photovoltaic panel array on the roof, expected to produce 133,000 kWh annually or approximately 4% of the hotel's annual electricity use
- 26% energy efficiency improvement estimated annually compared to typical commercial building energy codes in the U.S. due to energy savings in space heating, space cooling and water heating
- Occupancy sensors used to automatically power down lighting, heating and cooling in unoccupied guest rooms
- Ventilation airflow to guest rooms adjusted by building automation systems based on lighting, plug load and HVAC loads
- LED lights used almost exclusively throughout the hotel
- Building façade properties help reduce heat gain and cooling needs
- Cooling tower designed to optimize load performance and incorporates heat recovery features

ENSURING GUEST AND COLLEAGUE COMFORT

Guest and colleague wellbeing and comfort are paramount to Grand Hyatt at SFO. The following environmental features further support this:

- All guest rooms are provided with temperature control
- Building materials like carpet, paint, and acoustical panels selected with zero or low volatile organic compounds (VOCs) to protect indoor air quality
- Maximized natural light through glass façade and uninterrupted views to the outside
- Automated indoor air quality monitoring of CO2 levels throughout the property
- Restaurants that showcase healthy and sustainable options, reflecting Hyatt's dining philosophy of: *Food. Thoughtfully Sourced. Carefully Served.*

SHIFTING TOWARD A CIRCULAR ECONOMY

The impact of waste ending up in oceans and parks has been highlighted more than ever in recent years. To combat this, a shift toward a "circular economy" is a focus area—one that reduces strain on virgin materials and waste streams by recirculating resources. Grand Hyatt at SFO incorporates the following endeavors:

- Third-party waste auditing during construction to determine appropriate collection methods for demolition and construction waste
- Well-designed and accessible waste, recycling and composting receptacles to optimize the appropriate use by guests and colleagues
- Food waste prevention and composting whenever possible
- Paper straws only offered upon request
- To-go containers and other disposable items shifting to environmentally preferable materials
- Large format dispensers used for shampoos and soaps rather than the traditional small bottles
- Recycled content used in building construction and furniture, such as steel and tiles
- Wood in flooring is Forest Stewardship Council® (FSC) certified

ENABLING EASY ACCESS TO PUBLIC TRANSIT

SFO spans nearly 8 miles to support more than 55.8 million passengers annually. Access to public transit provides travel convenience to guests and reduces greenhouse gas emissions and other pollutants associated with driving cars. Grand Hyatt at SFO is seamlessly integrated into the SFO AirTrain transportation service, featuring the following:

- SFO AirTrain is a free continually operating transit service that enables travelers to access all terminals as well as the Bay Area Rapid Transit (BART), SamTrans and regional bus service lines, providing convenient transportation to areas in and around the San Francisco Bay Area
- The hotel's dedicated AirTrain Hotel station provides the perfect connection between the property and the airport

MITIGATING IMPACTS DURING CONSTRUCTION

The construction of a building can be associated with a range of environmental impacts, including soil erosion, waterway sedimentation and dust. The City and County of San Francisco's regulations support robust erosion and sedimentation control plans during construction. The following measures were put in place to manage these impacts for Grand Hyatt at SFO:

- Monthly building maintenance programs, including stormwater pollution prevention inspections
- An Erosion Control Plan that includes silt filter fences and wattles to protect water quality from stormwater runoff
- A Construction and Demolition Debris Management Plan requiring a 75% waste diversion and a minimum 4 waste streams that are source-separated