

ARCHITECTURE



ONE-OF-A-KIND DESIGN. UNFORGETTABLE EXPERIENCE.

Terminal C is an architectural triumph where technology drives functionality. Designed by Fentress Architects, together with HNTB as architect of record, the new Terminal C comprises 15 gates, security and ticketing, as well as convenient spaces for shopping and dining. With soaring lines and sweeping vistas, its iconic architecture creates an unparalleled “sense of place,” showcasing the natural beauty, vibrancy and diversity of Central Florida.

Key Features Include:

- An innovative skylight that diffuses natural light throughout the space.
- A cutting-edge multimedia Public Art installation with immersive features customized with original live action, CGI, interactive and generative content.
- Capacity for future connections for up to three rail systems.
- A modular layout that allows for smart expansion and keeps operational costs low.



FORM MEETS FUNCTION AT TERMINAL C, A UNIQUE COMPLEX DESIGNED TO SHOWCASE THE NATURAL BEAUTY OF CENTRAL FLORIDA AND ENGAGE TRAVELERS WITH THE REGION'S BOUNTY OF ENTERTAINMENT AND RECREATIONAL OPPORTUNITIES.

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SAFETY & SECURITY



OPTIMIZING TECHNOLOGY TO KEEP TRAVELERS SAFE

Orlando International Airport has always made the safety of the traveling public a top priority, and Terminal C builds on that commitment. Operationally, Terminal C is full of “firsts,” with numerous enhancements in both the pre-security and post-security areas, creating a seamless, secure and efficient experience for travelers.

Features Include:

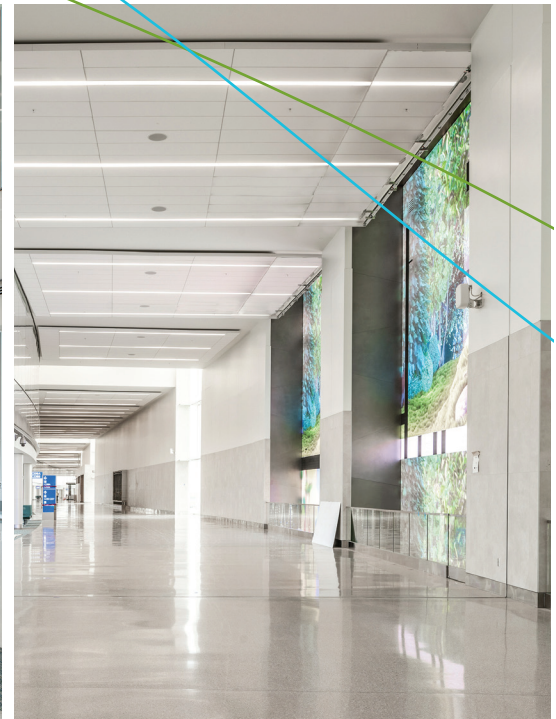
- “Bags-first” design to expedite international travelers through the Customs & Border Protection process.
- Interconnected Emergency Response Systems to identify hazards and alert first responders.
- Distributed Antenna Systems (DAS) to boost radio signal frequencies and ensure communication between operations teams and emergency responders.
- Visual Surveillance System (VSS), a network of digital cameras across the terminal.
- Ramp Information Display System (RIDS) for ground and flight crews, communicating real-time data that improves the efficiency and safety of boarding and takeoff operations.
- Virtual Ramp Control (VRC), allowing air traffic controllers to guide aircraft as quickly and safely as possible, while reducing taxiing time.

**FROM IMMERSIVE
MULTIMEDIA EXPERIENCES
TO INFORMATIONAL
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TECHNOLOGY



INNOVATIVE TECHNOLOGY CREATES A TERMINAL OF THE FUTURE

From the moment they enter Terminal C, visitors are immersed in dozens of innovative technology systems that support both the building and its functionality, while expediting the passenger process. From baggage handling to screening to wayfinding, passengers can navigate Terminal C more efficiently, thanks to high-tech features. More than 1,000 high-definition informational displays guide travelers from check-in through boarding.

Never before seen in an aviation space, large-scale multimedia Public Art installations with custom-created content provide 12-15K immersive and interactive visual experiences to explore the knowns and unknowns of greater Central Florida.

Behind the Scenes at Terminal C, Intuitive Technology Also Enhances Safety and Security:

- 100 percent automated screening lanes in TSA checkpoints.
- 100 percent facial recognition systems for international arrivals and departures.
- Radio Frequency Identification Technology (RFID) Tote Baggage Handling System, allowing baggage to be tracked in real time.
- Virtual Ramp Control Systems, providing controllers with unobstructed visibility of airfield traffic.
- Passive Optical Network (PON) using fiber-optic infrastructure to create a high-speed, energy-efficient IT system.
- Queue Management System (QMS), which monitors security lines and displays wait times and security updates.
- Common-Use Passenger Processing that allows dynamic coordination between airlines at ticketing and boarding gates.

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SUSTAINABILITY

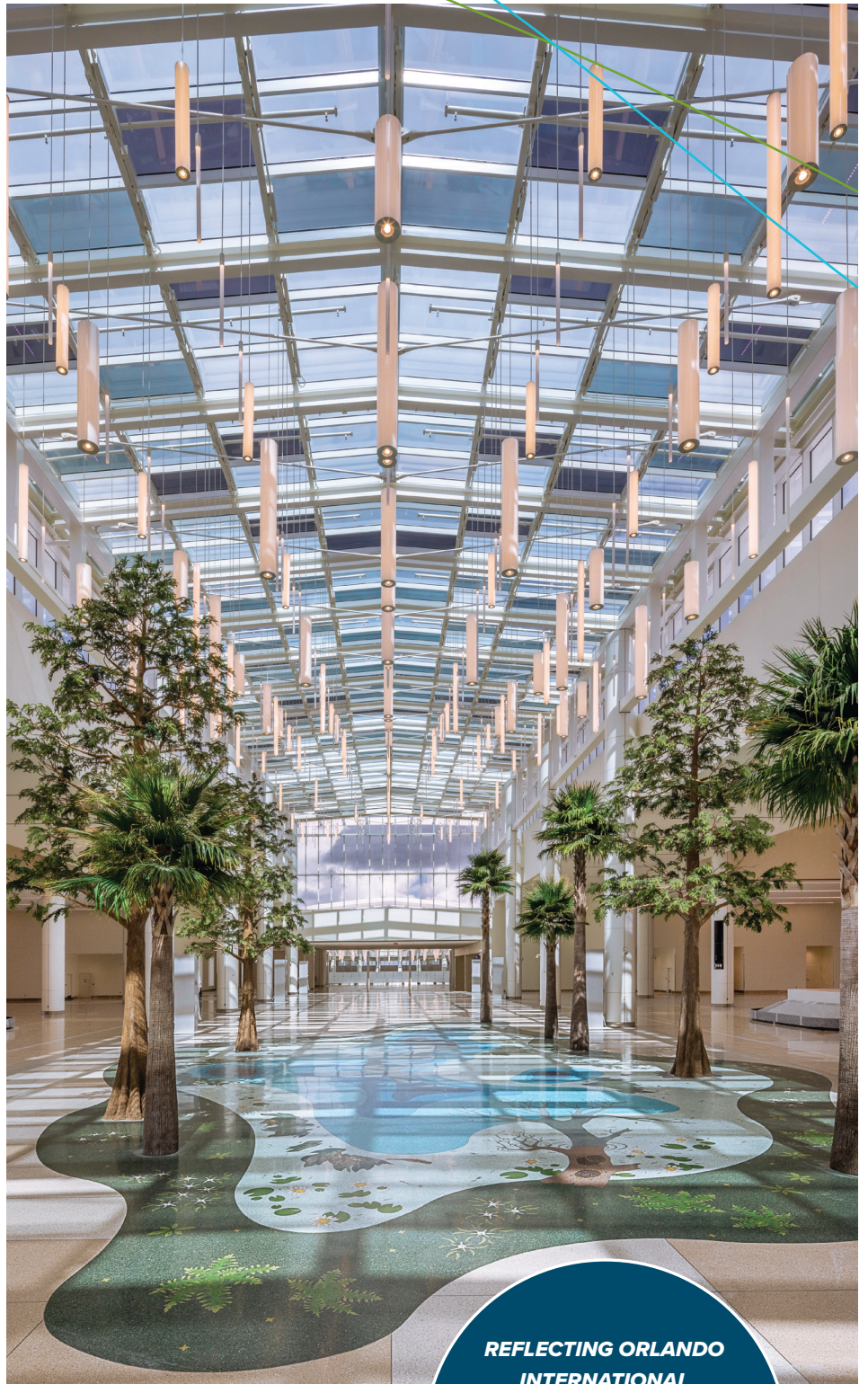
CELEBRATING THE CENTRAL FLORIDA ENVIRONMENT

Designed for certification as one of the first LEED®v4 airport campuses, Terminal C reflects Orlando International Airport's (MCO) longstanding commitment to sustainability and environmental responsibility. From its original planning stages to the present day, MCO has supported sustainable concepts and has strived to preserve natural lands. Only 30 percent of the airport's 12,000 acres is developed; the remainder has been left in its natural state, which is diverse with wetlands, hardwood forests and dozens of lakes and bodies of water.

Respect and appreciation for nature is evident in Terminal C's architecture and layout, which celebrate Central Florida's wildlife and lush, colorful landscapes. The building's strategic design also targets energy and water efficiency measures, resiliency and indoor air quality.

Specific Sustainability Measures Include:

- 35 percent targeted reduction in potable water use through efficient fixtures, faucets and equipment.
- 25 percent targeted reduction in energy costs with a focus on thermal performance, as well as optimal design in the heating, ventilation and air conditioning system.
- Refrigerants that function with minimal-to-zero global warming potential and ozone depletion potential.
- A 360-panel floating solar array – the first on airport property – that produces 123 kilowatts of energy and reduces 196 tons of carbon dioxide annually.
- Towering "Forever Trees," sustainably created using preserved materials from live palms and cypress.



REFLECTING ORLANDO INTERNATIONAL AIRPORT'S COMMITMENT TO SUSTAINABILITY, TERMINAL C STRIVES TO BE ONE OF THE FIRST LEED V4-CERTIFIED AIRPORT CAMPUSES.

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CUSTOMER EXPERIENCE



TAKING “THE ORLANDO EXPERIENCE®” TO THE NEXT LEVEL

With capacity for 10-12 million passengers annually, Orlando International Airport’s (MCO) Terminal C creates an unforgettable travel experience, making MCO – already a world-class, global gateway to the most-visited destination in the U.S. – one of the most innovative airports in the nation.

Through a combination of passenger-centered designs, intuitive layouts and state-of-the-art technology, Terminal C is built to increase travel convenience and efficiency, uphold passenger safety and excite the imagination.

Key Features Include:

- Top-floor baggage arrival with streamlined luggage system.
- Early bag storage space – the first of its kind for MCO – with room for up to 1,800 bags.
- Skylights running along the length of the building, showcasing Orlando’s natural beauty.
- Departures, ticketing and security on the second level, with first-level ground transportation.
- Informational video displays in ticket halls, the concession hub and gate areas.
- Navigational wayfinding signs and MCO App beacons, directing travelers to amenities and gates, and providing timely updates throughout the terminal.
- Amenities such as a mother’s nursing station, a serenity room and pet relief areas.

**AT THE NEW TERMINAL C,
VISITORS CAN EXPECT
“THE ORLANDO EXPERIENCE®”
OUR AIRPORT IS KNOWN FOR –
ENHANCED BY IMAGINATIVE
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TECHNOLOGY.**

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CONCESSIONS



A RETAIL AND DINING DESTINATION

With national brand offerings and storefronts from the region’s top theme park attractions – Walt Disney World, Universal Orlando and SeaWorld Orlando – as well as local flavors such as Bernie’s Coffee & Tea Co., Wine Bar George, Orange County Brewers and Cask & Larder, the new terminal gives the traveling public access to more than 80,000 square feet of dynamic concessions spanning the pre-security and post-security areas.

Terminal C Features:

- More than 33 retail and food and beverage concepts, including local and national brands.
- Boutique and duty-free shopping.
- Engaging shopping experiences, including eco-friendly art by local artists and a touch-screen display where travelers can plan their next vacation.
- The Plaza Premium Lounge, featuring a dedicated area for families, a restaurant and bar, and quiet spaces ideal for business travelers.
- Streamlined layout with more than 90 percent of concessions located near the gates, enhancing the customer experience before and after the flight.

Terminal C Concession:

- Eola Market
- Starbucks
- Auntie Anne’s/Cinnabon
- Shake Shack
- PGA Tour Grill
- Orange County Brewers
- Harvest & Grounds
- Raw Juice
- Summer House Orlando
- Greenbeat
- Desano Pizzeria
- Cucina & Co.
- Bernie’s Coffee & Tea Co.
- Wine Bar George
- Provisions by Cask & Larder
- Olde Hearth Bread Co.
- Sunshine Diner by Chef Art Smith
- Orlando Brewing Bar & Bites
- Cask & Larder Public House
- Gatlin Trade
- Sunglass Hut and Brighton
- Trip Advisor
- The Scoop
- Main Street Market with Einstein Bros. Bagels
- Replenish with Illy Coffee
- City Arts Market
- Walt Disney World
- Universal Studios
- SeaWorld
- 3Sixty Duty Free
- Chick-Fil-A
- Plaza Premium Lounge

CONVENIENT CONCESSIONS AT TERMINAL C FEATURE A MIX OF NATIONAL AND LOCAL BRANDS, WITH A STRONG REGIONAL PRESENCE.

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THE GREATER ORLANDO AVIATION AUTHORITY



DELIVERING “BEYOND THE ORLANDO EXPERIENCE®” AT MCO

Orlando International Airport (MCO) is managed by the Greater Orlando Aviation Authority (GOAA) – a public agency governed by a seven-member board that includes the Mayor of the City of Orlando, the Mayor of Orange County and five other members appointed by the Governor of the State of Florida. Airport operations are led by Chief Executive Officer Kevin J. Thibault, who is appointed by the Aviation Authority and manages a staff of nearly 800 full-time employees.

With the opening of the innovative Terminal C, GOAA remains committed to its vision of a safe and secure world-class airport that exceeds the expectations of the traveling public. Developed in collaboration with industry leaders, airline partners and the community, Terminal C will foster economic development and meet the growing intermodal needs of a dynamic region.

**THE TERMINAL C
EXPANSION IS A RESULT
OF GOAA'S STRATEGIC VISION
AND PHASED PLANNING TO
MEET THE NEEDS OF THE
TRAVELING PUBLIC.**

GOAA Board Members:

- M. Carson Good, Chairman
- The Honorable Buddy Dyer, Mayor of the City of Orlando
- The Honorable Jerry Demings, Mayor of Orange County
- Dr. John L. Evans Jr., Vice Chairman
- Belinda Kirkegard, Treasurer
- Craig Mateer
- Tim Weisheyer

GOAA Chief Executive Officer:

- Kevin J. Thibault