PORT AUTHORITY NY NJ

New Midtown Bus Terminal

August 4, 2022

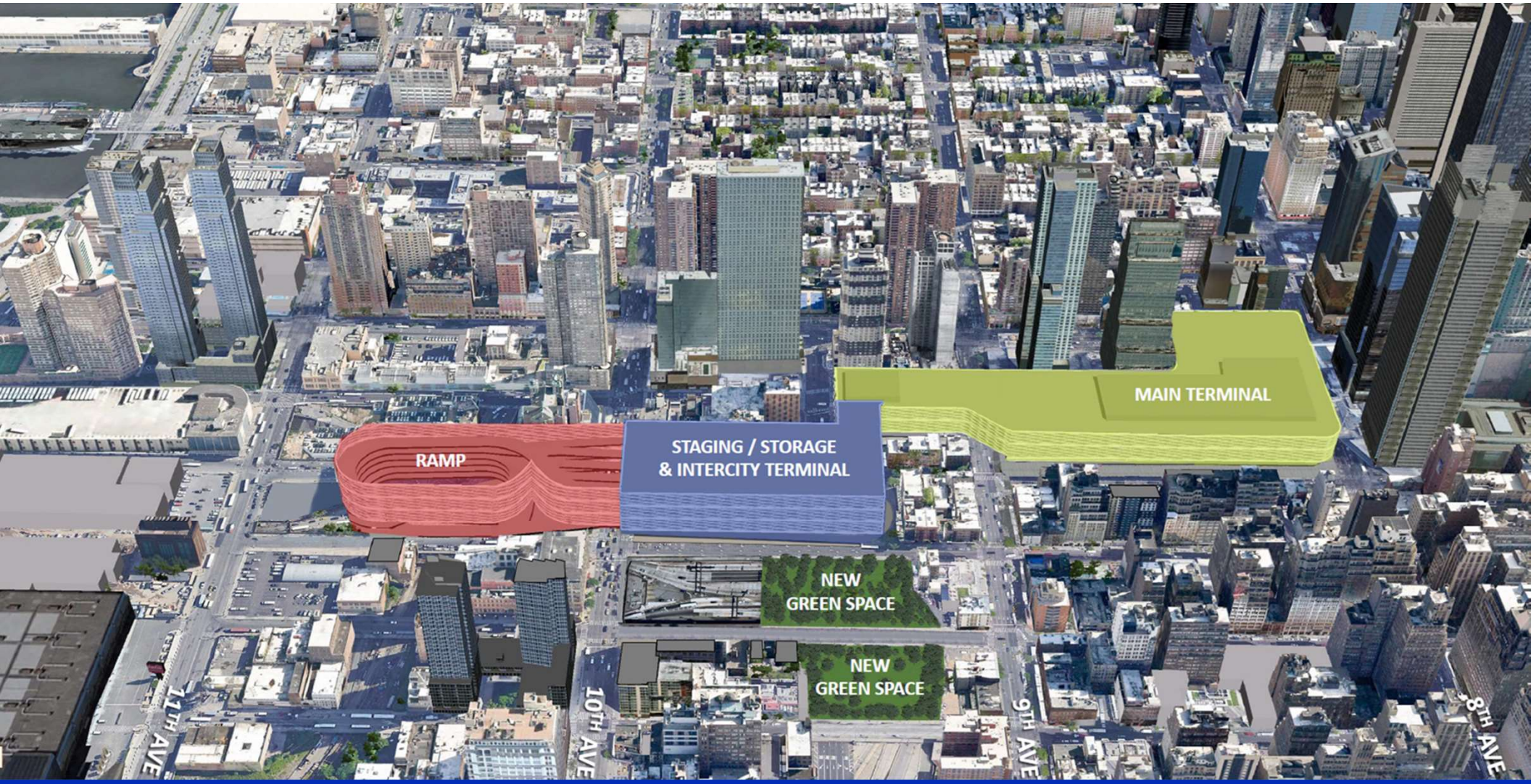
AIR LAND RAIL SEA

The World's Busiest Bus Terminal

- The original Midtown Bus Terminal was built in 1950
- Pre-pandemic, the terminal served a record 76.4 million travelers a year; an estimated 260,000 passenger trips on weekdays
  - World's busiest; handles more passengers annually than JFK, EWR, or LGA
- Paradigm of outdated legacy infrastructure that needs to be replaced with a modern facility

Mission

Build a best-in-class bus terminal for the 21st Century to benefit both commuters and the community



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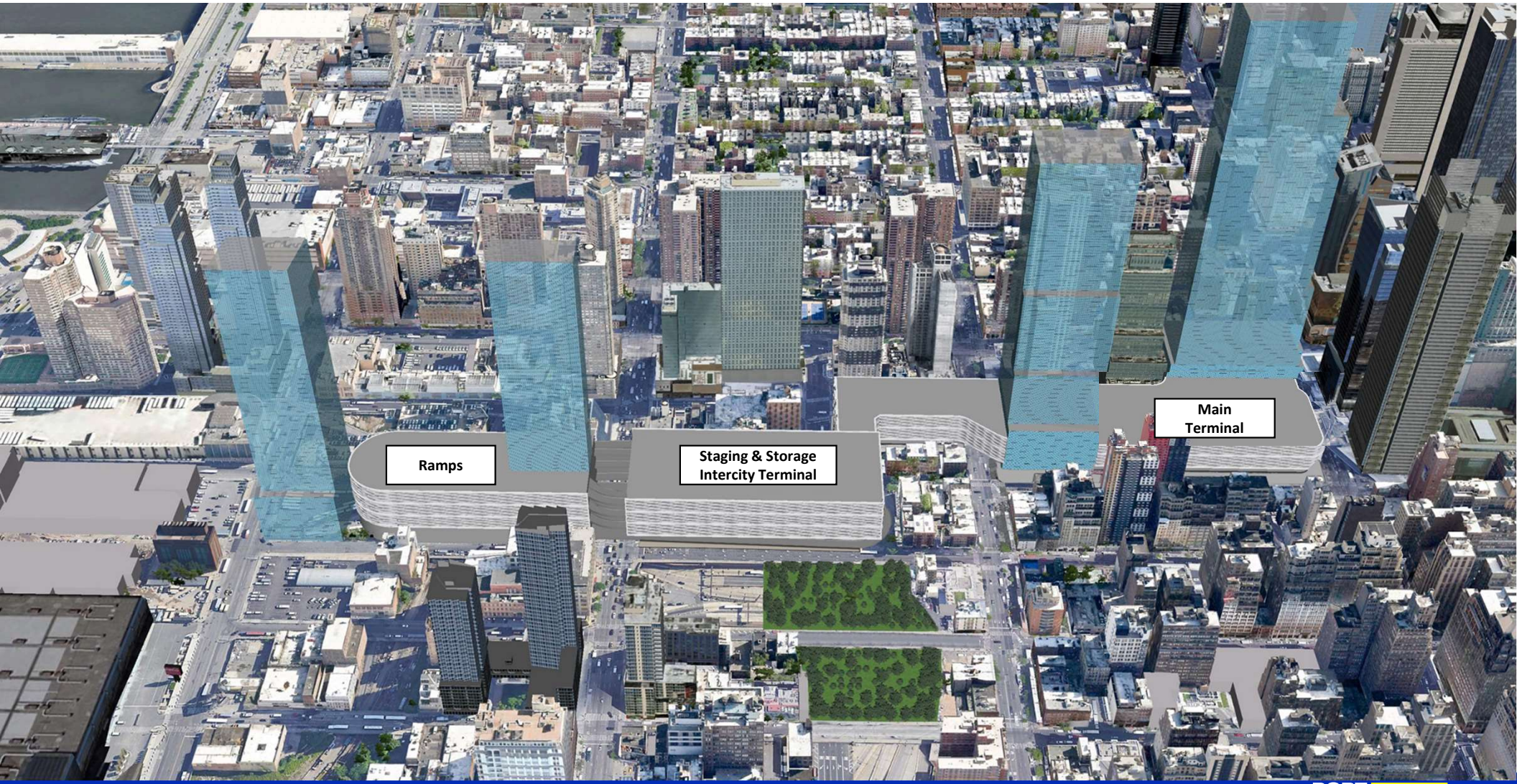

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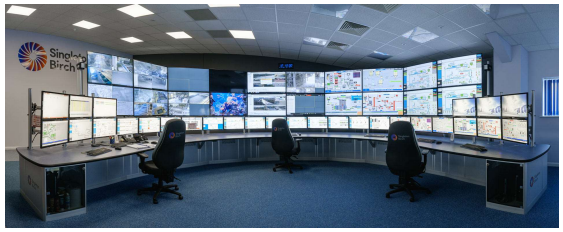
Best-in-Class Facility



Bus Terminal for the 21st Century:

- Accommodates future growth of commuter bus traffic
- Charging infrastructure for all-electric bus future
- Accommodates today's larger buses
- Artificial Intelligence (A.I.) bus management
- More efficient, speedier in-and-out
- Preserves direct connection – 12 NYC Subway lines / 5 NYC Transit bus routes
- Iconic, appealing food & beverage concessions
- Inspiring and appealing civil architecture and public art

A Bus Terminal for the Community:

- Getting both curbside intercity buses and idling buses off community streets
- New ramps enable buses to get into terminal without touching city streets
- Outward-facing, community-friendly retail
- 3.5 acres of added community green space

World's Most Sustainable / Environmentally Friendly Bus Terminal

Sustainability / Resiliency Measures

- **Supports zero-emission goals**
- **Clean construction initiative**
- **Sustainability (LEED Certification)**
- **Building envelope energy enhancements**
- **Onsite generation / renewable energy**
- **Heat recovery reuse (Target zero BTU loss)**
- **Blue / Gray / Black water recovery / reuse**

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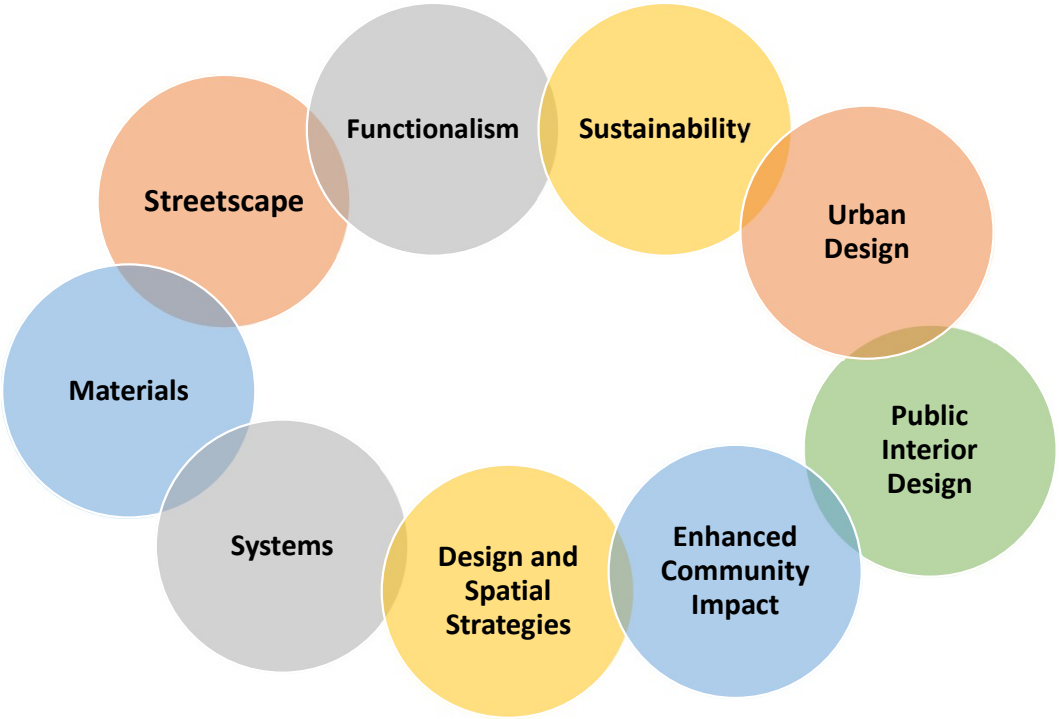
Project Architect

Project Architect

Develop a unified programmatic vision with particular focus on commuter and community experience from beginning to the end of the project development.



The Project Architect will play a critical role, on an as needed basis, throughout the design and construction phases.

Competitive federally-compliant procurement process sought a world-class advisory architect with experience in:

- **21st Century transportation facilities**
- **Delivering projects in dense, urban environments**
- **A reputation in creative design related to public buildings**
- **Experience in resiliency and sustainability**
- **Sensitivity to community needs and values**

Joint-venture meets and exceeds standards for reimagining, a state-of-the-art Midtown Bus Terminal
Highest rated technical team

Project Architects

Foster + Partners

- A global studio for sustainable architecture, urbanism, engineering and design
- World-renowned firm founded by Norman Foster
- Proven track record of integrating state of the art transportation projects into existing communities

Foster + Partners

+

Epstein and Sons International

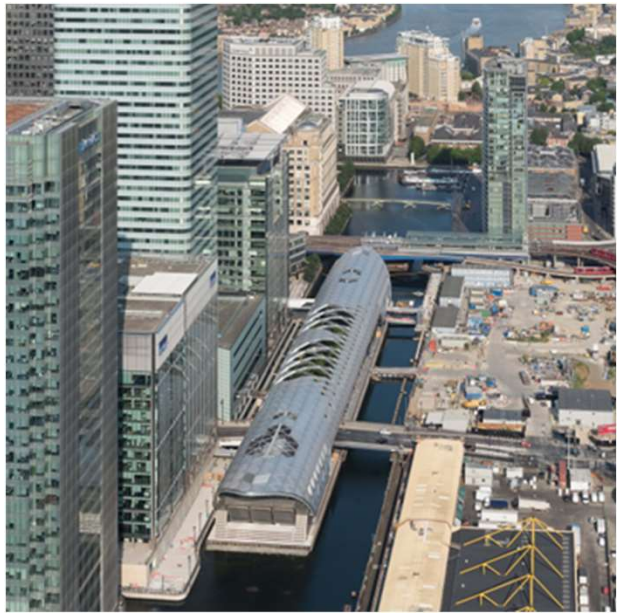
- Over 100 year of architectural, engineering and construction experience
- Provides sustainability services, including LEED/BREEAM consulting, energy modeling services worldwide
- Expertise in completion of complex projects in dense urban environments

EPSTEIN

Crossrail Place at Canary Wharf

Foster + Partners

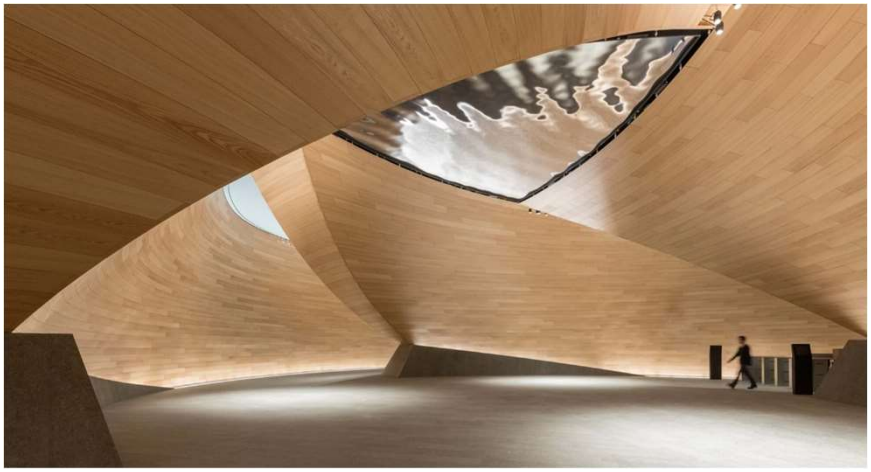
- Won 2016 New London Award for "Transport and Infrastructure", the GE UK Award for Technical Excellence, and the 'Best Urban Regeneration Project' at Mipim Awards
- Recognized for improving connectivity between businesses, local community residents, and the performing arts with dynamic, multi-use spaces

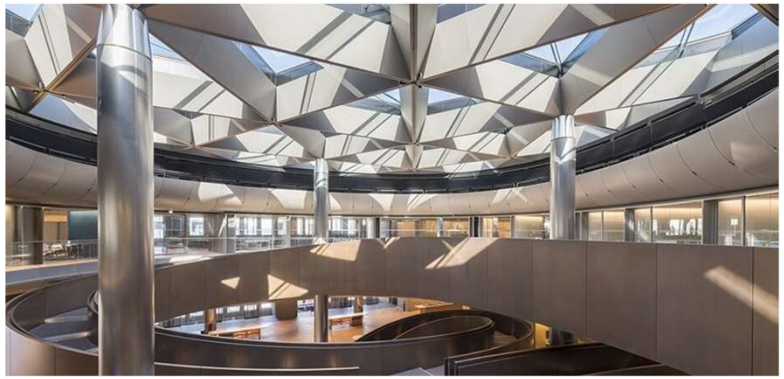


Bloomberg European Headquarters

Foster + Partners

- World's Most Sustainable Office Building with record 98.5% score using the the BREEAM sustainability assessment method
- Integrated archaeological museum interweaves art, design, and utility for community
- Named the UK's best new building by the Royal Institute of British Architects





New Slussen Masterplan
Foster + Partners

- One of the largest city center revitalization efforts in Northern Europe
- Created a dynamic city center, responding to its historic context while transforming a highway intersection into a reimagined gathering space

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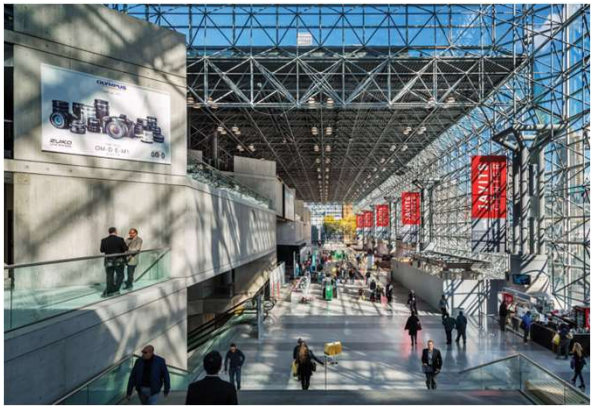
Javits Convention Center Expansion Program

Epstein and Sons International



- Recognized by the American Institute of Architecture for it its integration of sustainability measures and operational structure
- Utilized innovative design to take 20,000 trucks off the city streets per year
- $1.5 billion historic expansion of flexible exhibition space

THANK YOU

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Paul Sanderson

A. Epstein & Sons International

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Juan Vieira-Pardo

Foster + Partners