

*Design Profile*  
*Jacob K. Javits Convention Center North Hall*  
 NEW YORK, NEW YORK  
 Issue #10 - 2010



Architecture  
 Interiors  
 Engineering  
 Construction

Creative Solutions for a Sustainable Future

## Jacob K. Javits Convention Center North Hall

NEW YORK, NEW YORK



As a member of the FxHowle Epstein design team, Epstein provided convention center design expertise, project management, structural engineering and MEP engineering services for the new Jacob K. Javits Convention Center North Hall; a 110,000 square foot customized pre-engineered structure located at 11th Avenue between 39th and 40th Streets in New York City which opened on August 1, 2010.

The North Hall enables the Javits Convention Center to remain open and fully operational while maintaining the same amount of exhibition space during the main facility's major renovation which

will require portions of the building to be taken out of service. The major renovation of the Javits Center, in which Epstein is also providing design, project management and engineering services, includes a future 70,000 square foot expansion of the current exhibition space, the inclusion of 70,000 square feet of new meeting rooms and truck trailer storage for 120 trailers between 38th and 40th Street. The main building renovation also includes a new 8-acre green roof, 306,000 square feet of glass curtain wall and 97,000 square feet of glass skylights, as well as providing a new tree-lined access along 11th Avenue from 34th Street to 40th which will help establish the new image of the Javits Center. The plan also leaves 40th Street open to pedestrian access from the adjacent waterfront and ferry terminal. When the major renovation is complete in 2013 the North Hall, with its 40,000 square feet of new exhibition space, will remain in service and will complement Javits' existing operations.

Access to the new North Hall is provided through a 30 foot wide connecting corridor that links the expansion to the main Javits building at the Level 2 Concourse. Much of the natural light comes through this corridor, called the Link, which features large glass garage-style rolling doors that stretch across the east wall, and a red west wall which lends a shot of color. Additional access is provided to the North Hall through entrances at 39th and 40th Streets which allows for independent use of the facility.

A plaza is also located along the southern edge of the North Hall to allow for loading and unloading of privately operated vehicles, as well as providing space for seasonal outdoor functions. A truck court and loading docks are also located directly off Route 9A adjacent to the existing Javits Center loading docks.

The North Hall also contains the following features:

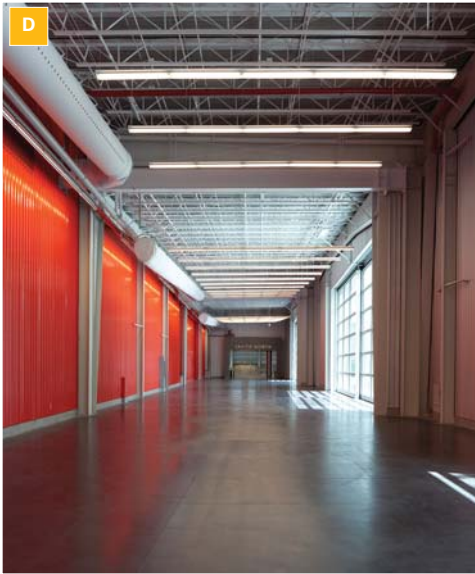
- Pre-function and registration areas
- Restrooms and food service areas
- Fully serviced HVAC, water, electric, data and telephone in floor boxes every 30 feet
- 160 foot column free space with 25 foot clear height at the lowest point
- Hang points on a 20x20 foot grid with 3,000 pounds per point capacity.

The entire Javits expansion and renovation project is pursuing LEED-NC Silver certification.



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A: The "Link" with View to the Entrance to the Main Concourse  
 B: North Hall Exhibition Space  
 C: Truck Court & Loading Dock



D: "The Link" with View to the Entrance to the North Hall  
 E: Outdoor Plaza  
 F: Detail of Concourse Entrance  
 G: View from Exhibition Hall to Entrance into "The Link"  
 H: Truck Court & Loading Dock

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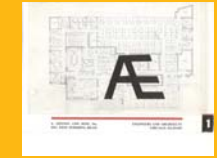
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## About the *Design Profile*



Issue #1 - 1958

Epstein's *Design Profile* is a brief in-house publication addressing our recent design and construction projects and discussing today's industry challenges.

Since 1958, the *Design Profile* has covered our project history, from warehouse and distribution facilities to award-winning architecture and interior design projects.

Now in our fifth decade of publishing the *Design Profile* has now transformed into a completely electronic publication. In a effort to be as sustainable an organization as possible we no longer print and distribute the *Design Profile* via traditional mail. Each issue is now "published" to our readers through a e-mail message that is linked to our website. We hope that this little step in sustainability inspires you to find opportunities to become "green" with your publications/communications.

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