



The LiRo Group

Client:

New York City Fire
Department
P.O. Box 020660
Brooklyn, NY 11201-0014

Reference:

Joe Mastropietro
Director/Assistant
Commissioner
718-784-6510

Total Project Cost:

\$38,000,000

Completion Date: 2004

Project Overview:

LiRo has been asked to perform construction management for the construction and reconstruction of 4 out of 9 facilities at the Randall's Island Fire Training Academy. This project received an Honorable Mention at the Metro NY/ NJ Construction Management Association of America 2004 Annual Awards. (New York City Department of Design & Construction, 2004, \$50M)

Randall's Island Fire Training Academy Randall's Island, NY

The Fire Department of the City of New York has operated a Fire Training Academy on



Randall's Island for over 25 years. This 27-acre waterfront facility ("The Rock") sits between the DEP Wards Island Water Pollution Control Plant and NYC Park Department property. The current facility has nine buildings including both classrooms and hands-on training with simulated fires and smoke structures.

This current \$38 million, two-year program involves four facilities and one external trainer:

Building 11 - New construction of four-story building containing classrooms, gymnasium, locker rooms, obstacle course and cafeteria without food preparation. This building features a facade with brick, insulated metal panels and a curtain wall system. It houses a boiler room containing a 3000-gallon heating oil tank. It also features state-of-the-art audio-visual systems.

Building 12 - New construction of six-story training building. This building features insulated metal panels and brick facade on the outside, and an indoor atrium configured to represent several different type of City buildings: brownstone, storefront, and commercial building. There will be no live fire in this building but portable smoke generators will be used.

Building 5 - New multi-level Training Facility with live fire, *Symtron*, training system. This building features an advanced computerized fire training system providing firefighters with realistic theatrical flames, intense heat, and obscured visibility. The building features a brick facade, fire resistant interior spaces, and exterior features to enable access training such as cutting station and mock-up skylights.

Building 2 - Reconstruction of the existing multi-level live fire training burn facility. This facility is being renovated to a smoke generator training facility.

Outdoor Training area, near Building 5 - This area contains a new car fire simulator.

This project received an Honorable Mention at the Metro NY/NJ Construction Management Association of America 2004 Annual Awards.

