



CASE STUDY: 70 HUDSON YARDS

Manhattan, New York

PROJECT OVERVIEW

Facility Name and Location:

70 Hudson Yards
Manhattan, New York

Owner/Developer:

Related Companies and Oxford
Properties Group

Project Start and Completion Date:

Construction began in 2025
Estimated completion is 2028



ENGINEERING FIRM / PROJECT PARTNERS

- Gensler (Architect)
- Roger Ferris + Partners (Design Architect)
- Related Companies
- Oxford Properties Group
- Mechanical Engineer: TBD
- Mechanical Contractor: TBD



SUPPLYING CRITICAL BUILDING SYSTEMS FOR ONE OF NEW YORK CITY'S MOST SIGNIFICANT COMMERCIAL DEVELOPMENTS

As one of the centerpiece developments within the Hudson Yards district, 70 Hudson Yards is redefining sustainable commercial construction in New York City. Rising 52 stories and encompassing approximately 1.4 million square feet, the all-electric office tower is designed to achieve zero operational carbon while delivering world-class workplace performance. Fleet supported this landmark project by supplying a comprehensive package of domestic water, wastewater, fire protection, and specialty pumping systems.

Through strong manufacturer partnerships and coordinated project management, Fleet helped ensure critical building systems were delivered on schedule to support the project's demanding construction timeline. The integrated equipment package simplified procurement while providing dependable, high-performance infrastructure designed for long-term reliability.

CHALLENGE

DELIVERING COMPLEX BUILDING SYSTEMS ON A FAST-PACED HIGH-RISE PROJECT

Constructing one of Manhattan's largest commercial developments required precise coordination between engineers, contractors, manufacturers, and suppliers. Fleet was responsible for supplying equipment across multiple mechanical systems while maintaining compatibility, coordinating deliveries, and supporting an aggressive construction schedule within one of the country's most challenging urban job sites.

SOLUTION

COORDINATED EQUIPMENT PROCUREMENT AND PROJECT SUPPORT

Fleet partnered with the project team to provide a fully coordinated package of domestic water, wastewater, fire protection, and specialty pumping equipment. By leveraging long-standing relationships with industry-leading manufacturers, Fleet managed equipment procurement, logistics planning, order management, delivery scheduling, and ongoing technical support throughout construction.

The equipment package includes domestic water filtration, electric water heating systems, booster pumps, wastewater and sump pump systems, fire pumps, integrated controls, and specialty accessories designed to support reliable operation across the building's critical infrastructure.

RESULTS

SUPPORTING A NEW BENCHMARK FOR SUSTAINABLE HIGH-RISE DEVELOPMENT

Although construction remains underway, Fleet has played a significant role in supporting one of New York City's most ambitious commercial developments. The integrated equipment package provides reliable domestic water distribution, wastewater management, fire protection, and pumping infrastructure while supporting the building's all-electric, zero operational carbon design. Standardized controls, redundant pumping systems, and proven equipment from leading manufacturers position the facility for long-term operational performance and simplified maintenance.