



**CASE STUDY**

# Honorable Frank J. Guarini Justice Complex

## Grand Modern \$350M New Justice Complex - LEED Silver

MEP/FP design-build for a new justice complex consolidating multiple judicial spaces into one building. This five-story complex, designed and engineered to withstand catastrophic events, features unique structural and protective design features. Amenities include a public food court, library, play areas, training spaces, and an extensive six-story parking garage. As the Engineer of Record, Concord Engineering Group designed and built sustainable MEP/FP systems to achieve LEED Silver certification.

### THE CONCORD DIFFERENCE

- Precise MEP/FP design engineering
- Ability to design energy-efficient systems and achieve LEED Silver certification.
- Work in unison with local and state building officials.
- Experienced team in complex, large building and infrastructure projects.

### THE CHALLENGE

- High-level security facilities.
- Work with blast-proof specialized engineering - i.e., foundations and extra-thick concrete cores – due to the building’s structural and protective design features.
- Complex design-build process.

### CONCORD ENGINEERING SOLUTION

- Design mixed-use complex integration of front-house public spaces with secure back-house spaces.
- Collaborate with architect and construction teams for real-time design and modifications.
- Provide all MEP/FP engineering for efficiency and security, achieving LEED Silver certification.
- Meet the needs of multiple end-users - justice and court system, sheriff’s department, county administrator, families, and the public.

### + LOCATION

Jersey City, NJ

### + SERVICES

MEP/FP Engineering  
Engineer of Record

### + PARTNERS

Terminal Construction Company  
Hudson County Improvement  
Authority

### + TAGS

Design-Build  
Government Engineering  
Energy Efficiency  
LEED Silver

### GET IN TOUCH

**Commercial Engineering**  
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