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## High Rise JFK Building

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### JFK Federal Office Building Fire Alarm Replacement

*Boston, MA*

*Client: US General Services Administration*

#### Services Provided

- Fire Alarm System Design
- Installation of Notification Booster Panels, Fire Lights
- Addressable smoke detectors and pull stations
- Modification of Existing fire controls and programming
- Construction Cost: \$1,500,000 Size: 26 Stories

The JFK Federal Building was designed by Walter Gropius in 1961 and was named in honor of John F. Kennedy who was assassinated in 1963. The building consists of twin 26-story high-rises and a lower 4-story building. RAN was retained to design fire alarms for the twin 26 story high-rise buildings. The scope of services provided by RAN included design of new detection devices and notification appliances throughout the entire building. Existing fire controls and programming were modified to activate and monitor the new equipment.

Notification appliance power booster panels were installed on each of the 26 floors next to an existing fire alarm riser cabinet and each booster panel includes an addressable monitor module. The previous conventional smoke detectors and pull stations were replaced with addressable smoke detectors and pull stations.

RAN's engineers developed a design that allowed for a phasing construction that would meet NFPA standards and codes at all times. This was required because the building was fully occupied with 11 different agencies and the thousands of workers.

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