

St. Patrick's Cathedral

Master Plan & Renovations

New York City



St. Patrick's Cathedral

The Building:

St. Patrick's Cathedral was originally built in 1850 and completed in 1878. The complex encompasses a full city block in Manhattan and consists of the Cathedral as well as a rectory and the Cardinals Residence. It is the largest Catholic Cathedral in the United States.

Nature of Firm's Responsibilities:

Landmark Facilities Group was initially commissioned to perform an engineering master planning exercise which examines all the MEP and fire safety elements throughout the complex. Long range improvements were identified to restore historic elements as well as accomplish modernization tasks to bring the complex through the next century. This includes modern energy efficient central air conditioning facilities, state-of-the-art ADA features and innovative fire suppression methodologies.

Landmark Facilities Group has subsequently been involved with implementing various phases of the Master Plan, including:

- Design of new MEPFP systems for the award-winning Rectory Renovation
- Design of high-pressure fog fire suppression system for the attic (featured in an article in the NFPA Journal).
- Design of new electrical infrastructure for the Cathedral complex
- Design of new mechanical infrastructure for the Cathedral complex including all new HVAC equipment and a 240 ton hybrid geo-exchange heat pump system.