



Riverdale Manor - Building Wide Sprinkler Upgrades

EP Engineering provided sprinkler design services for the installation of a new sprinkler system required to provide coverage throughout the existing 5-story, 66,000 square foot, assisted living facility.

Challenges:

- Design of sprinkler distribution around existing conditions (low ceilings, beams, etc.)
- Layout of piping and heads as to limit interruption of occupied areas during construction.

Achievements:

- Detail surveying of existing ceilings, beams and soffits ensured that the maximum possible ceiling heights were maintained and the minimum quantity of sprinkler heads were provided.
- Use of extended coverage sidewall heads consolidated a majority of the sprinkler work to the corridors and common areas, limiting the work required in the bedrooms.

Location:

6355 Broadway
Bronx, NY 10471

Building Size:

66,000 SF

