

GEATAIN ENGINEERING

CASE STUDY-2520 KINGS HIGHWAY



BACKGROUND

2520 Kings Highway was built in 1936 and is a beautiful 6-story, 54,000 square foot apartment building. This brick lined building is located in a small town in Brooklyn named Madison. On the outskirts of Madison, residents can discover vibrant commercial districts with local shops, businesses, and restaurants to choose from. Residents can also explore Marine Park, Brooklyn's largest public park, spreading across 530 acres.

HOW GEATAIN ENGINEERING HELPED

- Analyzed building operations to determine precise recommendations to improve occupancy comfort, streamline operations and lower carbon emissions.
- Identified financial constraints to ensure energy efficiency measures were implemented to meet client budgets.
- Analyzed occupancy schedule to determine most feasible locations for occupancy sensors so HVAC run-times could be minimized.

BENEFITS

- Operations measures extend equipment useful-life besides saving costs.
- Advanced controls align comfort levels to changes in occupancy throughout the day.



CHALLENGES

- Lowering the steam psi.

SOLUTIONS

- Replace boiler, steam traps, and risers.
- Envelope sealing.
- Install up-to-date heat timer.

FIVE YEAR SAVINGS

\$ 480,000

For more information,
email tjm@geatain.com