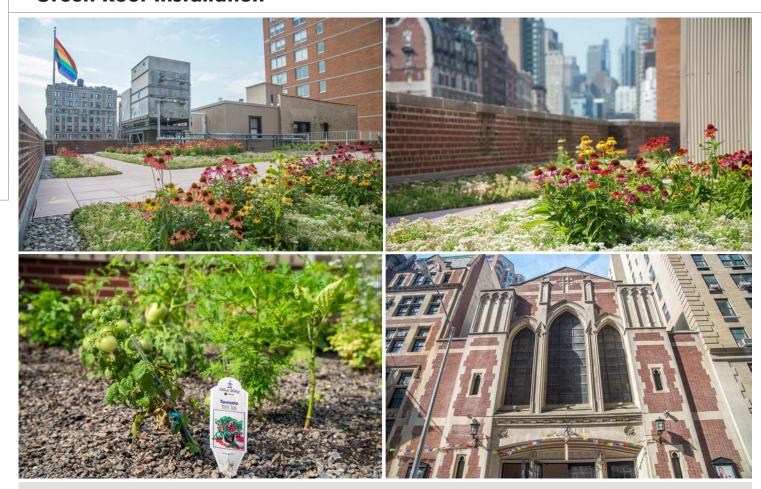
RAND

Rutgers Presbyterian Church

Green Roof Installation



Rutgers Presbyterian Church's new green roof is planted with a sedum mix, coneflowers, and switch grass and features a garden planter bed where the church is growing a variety of vegetables, including tomatoes, peas, and watermelon.

PROPERTY

A five-story commercial and office building, owned by and adjacent to Rutgers Presbyterian Church, at 2095 Broadway on the Upper West Side of Manhattan.

PROJECT OVERVIEW

The green roof installation was part of a 6,700-square-foot roof replacement that included converting part of the roof for recreational use.

SCOPE OF WORK

RAND designed and administered the following work items:

- Installation of 1,800 square feet of new protection layer above the new base roofing system
- Installation of 1,192 square feet of new pre-vegetated modular green roof system
- Raised garden bed planter filled with engineered soil for growing vegetables
- New drainage layer
- New ballast system

RAND's Code & Zoning Compliance Team also obtained all necessary work permits from the New York City Department of Buildings. RAND has designed and administered a number of other projects at Rutgers Presbyterian Church, including an oil-to-gas conversion; a mechanical, electrical, and plumbing system upgrade; a natural gas leak detection system; a rooftop exhaust fan replacement; and exterior repairs.

ENGINEER/ARCHITECT

RAND Engineering & Architecture, DPC

CONTRACTOR

Greensulate, LLC

CONSTRUCTION COST

\$49,000 (Green roof)