

## R A N D

## 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)