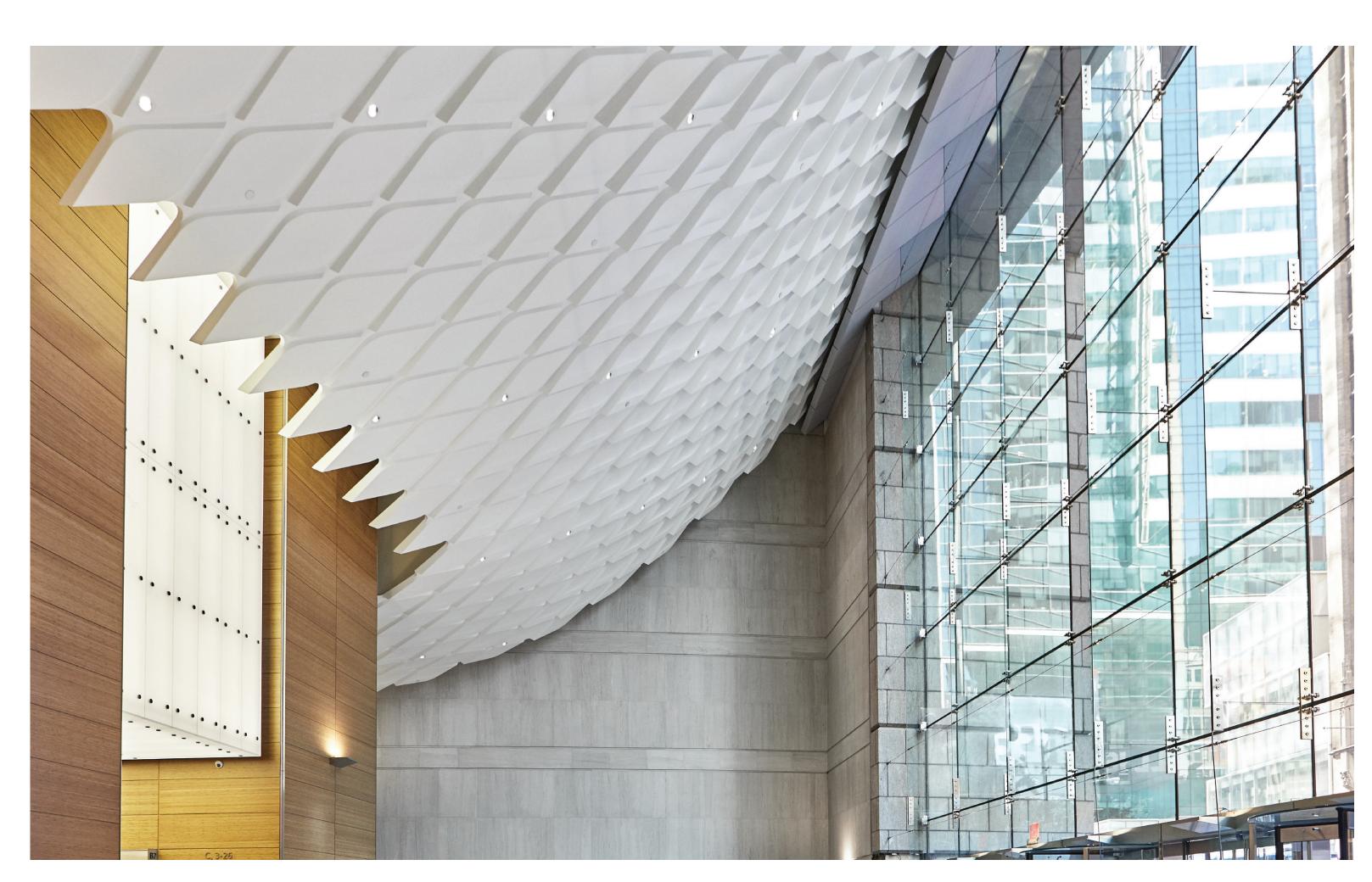
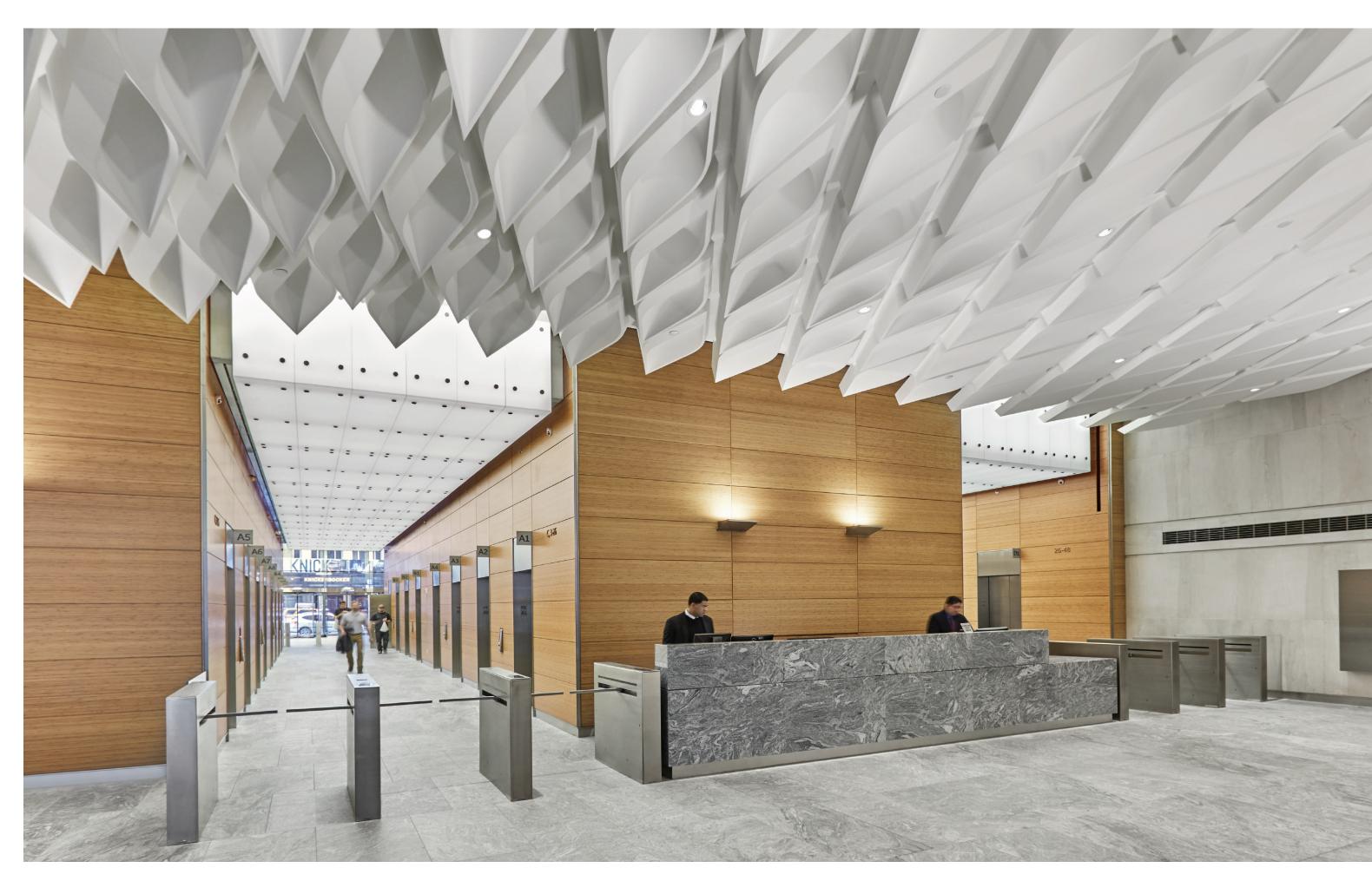
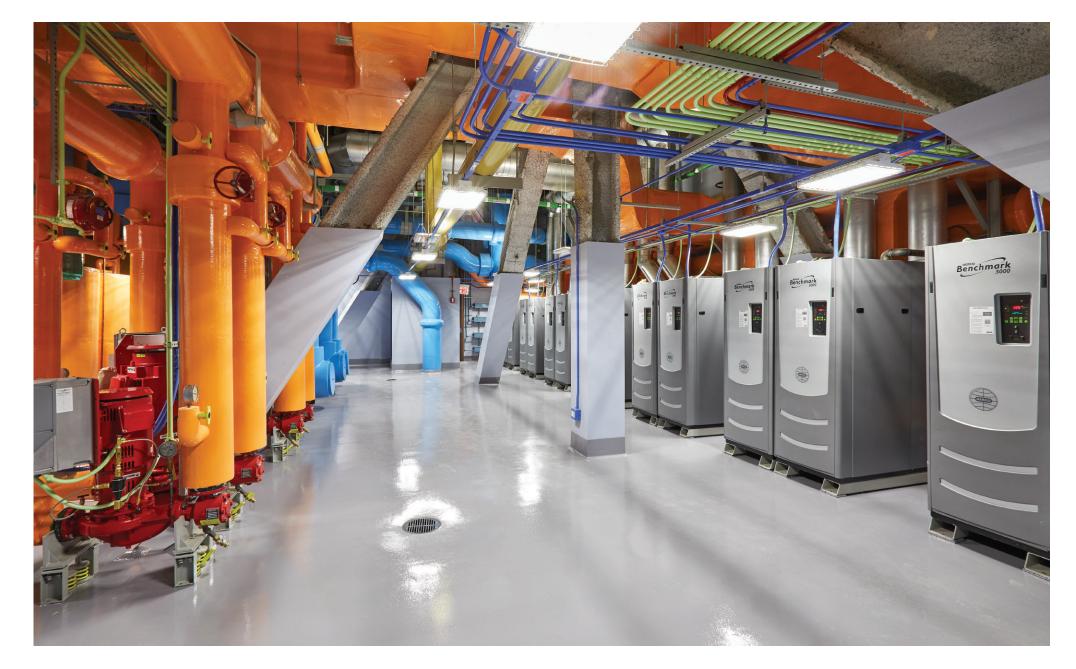
## 4 Times Square





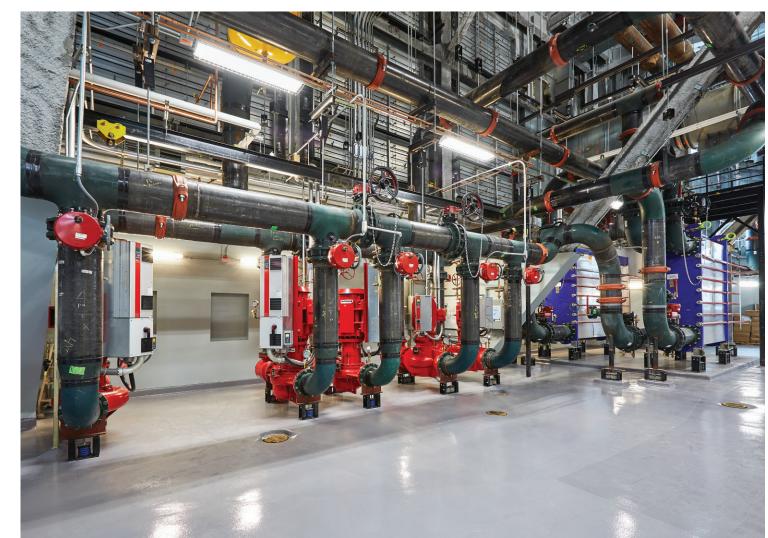








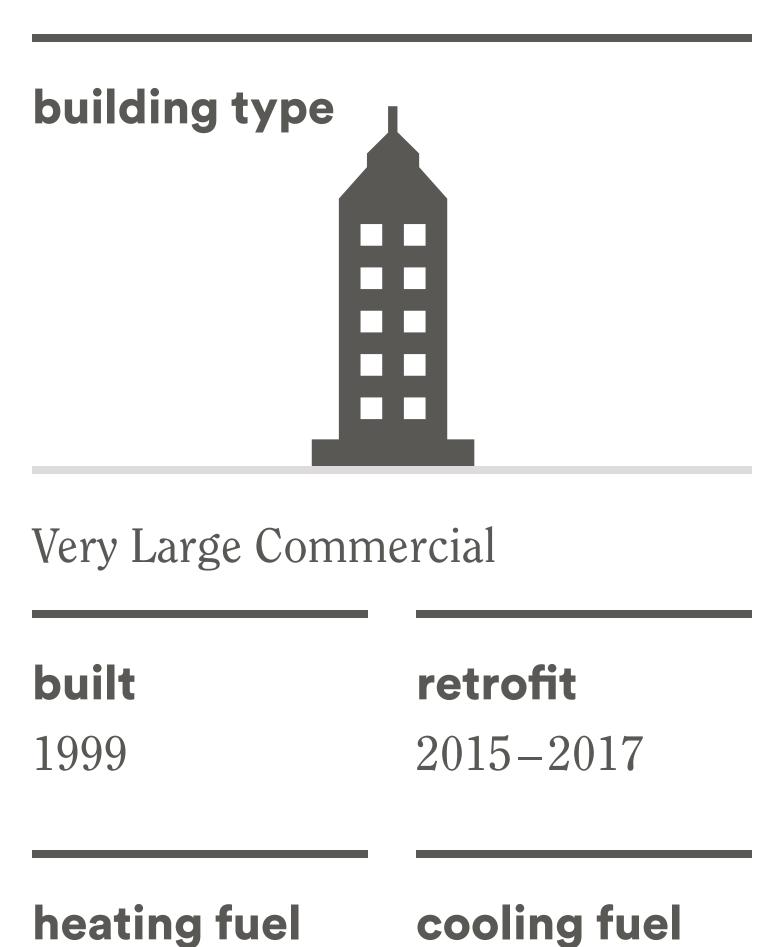
systems upgraded





Manhattan

Recent mechanical and lobby upgrades turned this midtown centerpiece into a bestin-class tower, on par with today's new construction.





Environetics

AKRF, Inc.

Skanska

Siemens

Cerami & Associates



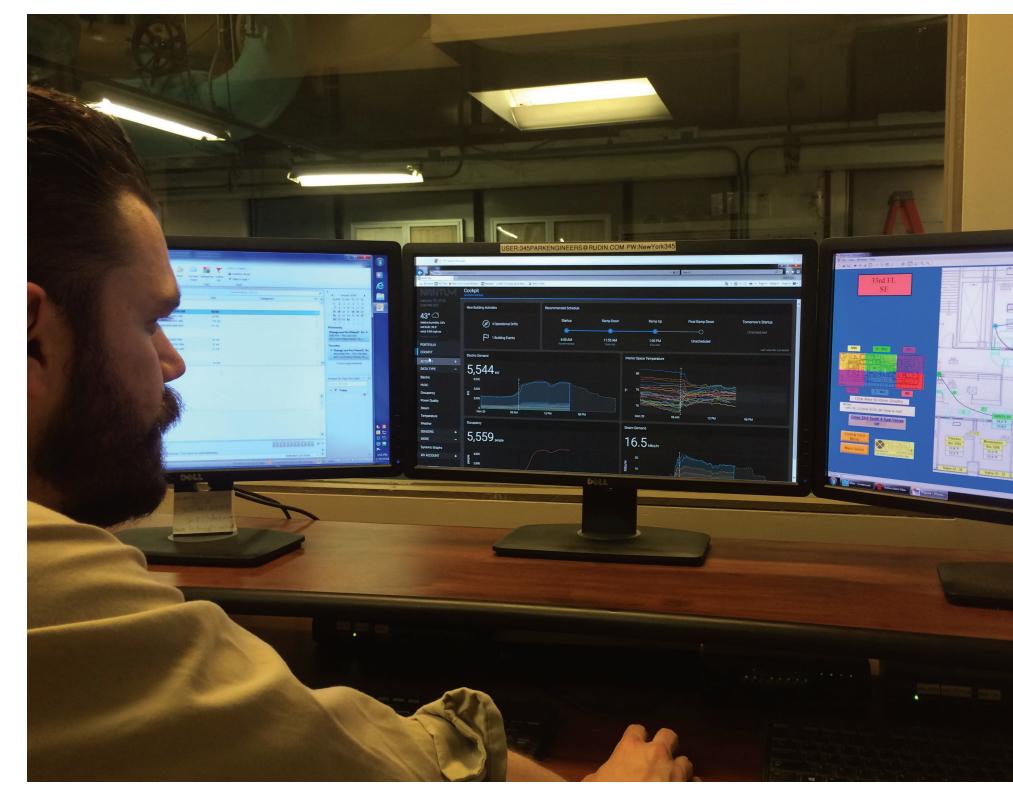
envelope

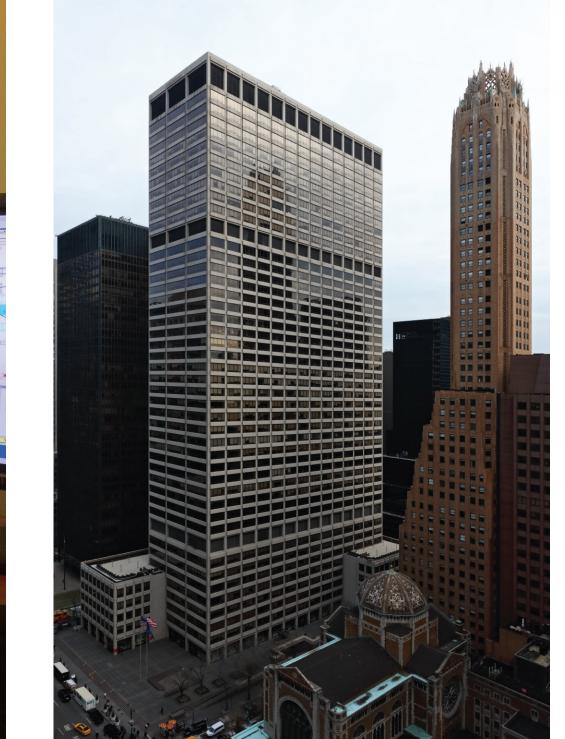
passive house

public incentives

heating

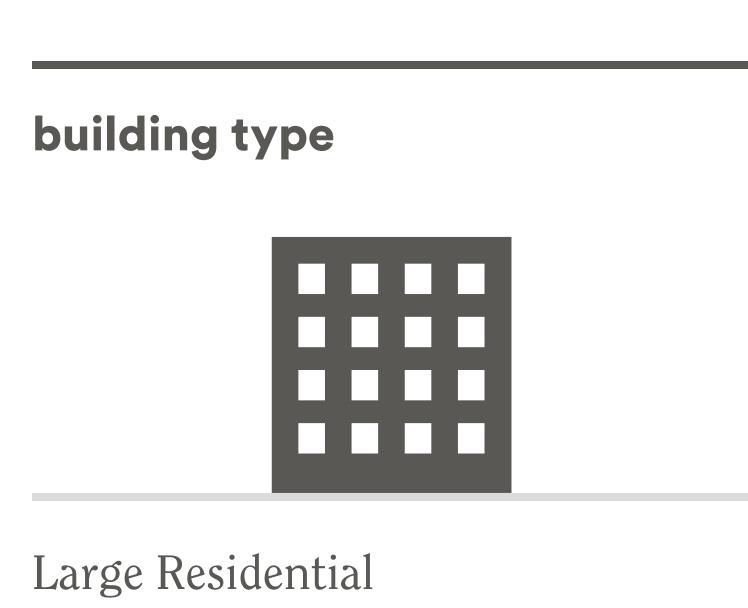
## 345 Park Avenue





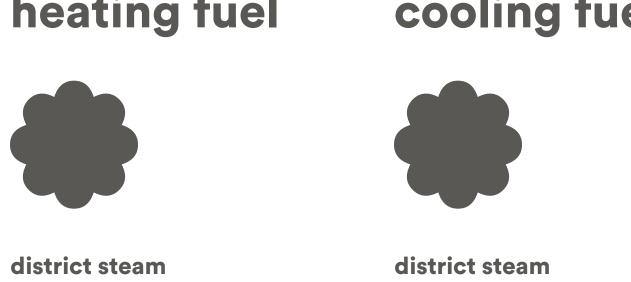
Manhattan

An innovative building operating system responds to real-time occupancy data and environmental changes to predict and prescribe more efficient operations and reduce energy demands.



built retrofit 1968 2013 - 2016

heating fuel cooling fuel



project team Prescriptive Data Rudin Operations 345 Park Building Management Security By Design T.M. Bier & Associates URA Group Firecom, Inc.



systems upgraded

annual cost savings (est.)

\$600,000

## 377

project team

Structure Tone

Severud Associates

HOK

Vidaris

The Durst Organization

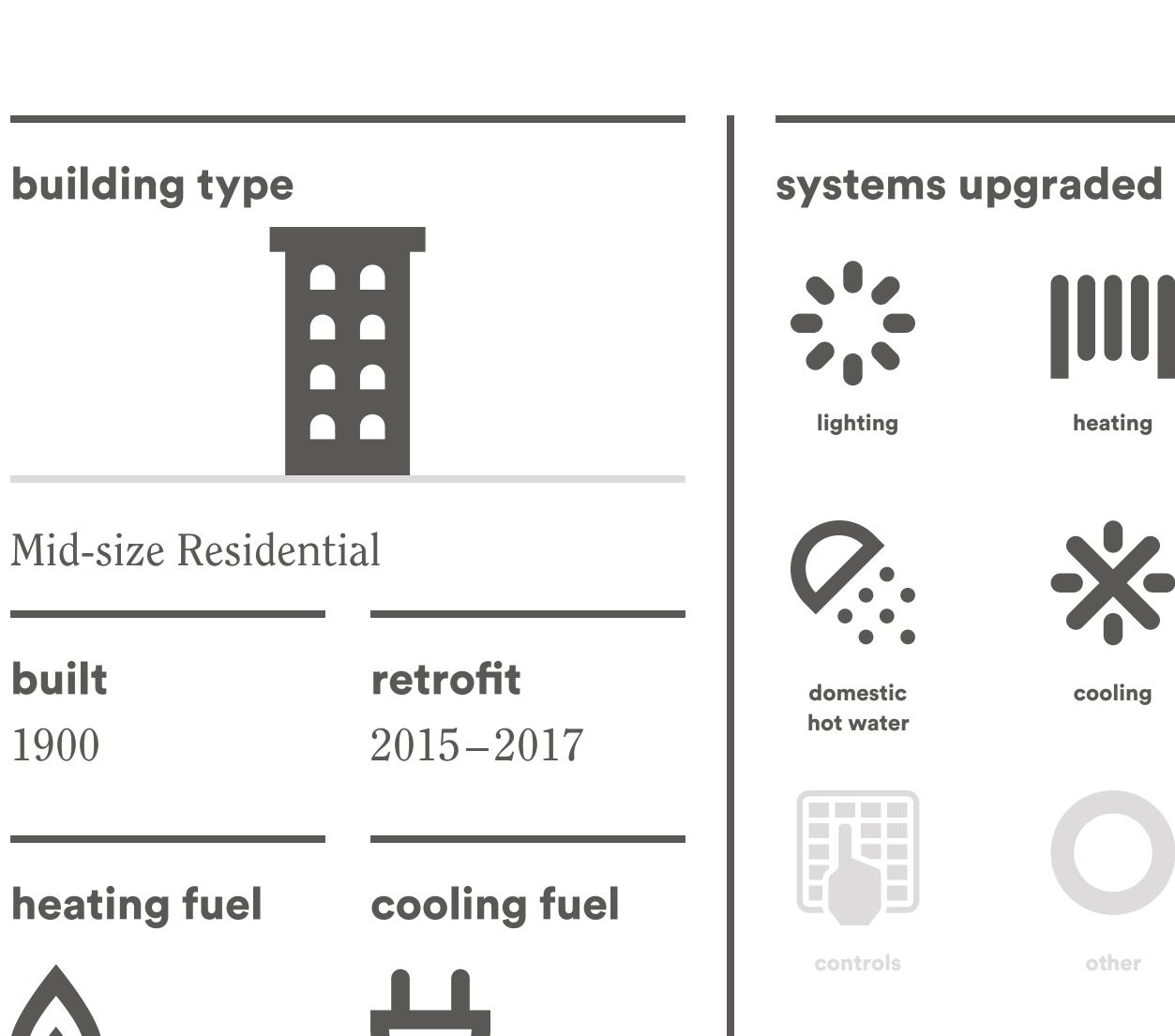






Manhattan

This affordable housing gut renovation meets the Passive House standard to produce comfortable, healthy, and energy efficient homes for the tenants, many of whom have lived here for more than 20 years.



public incentives project team

electric

BFC Partners

Board

SMJ Development

Development

Urban Homesteading Assistance

NYC Housing Preservation and

Enterprise Green Communities

Paul Castrucci Architect

passive house

envelope

ventilation

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