

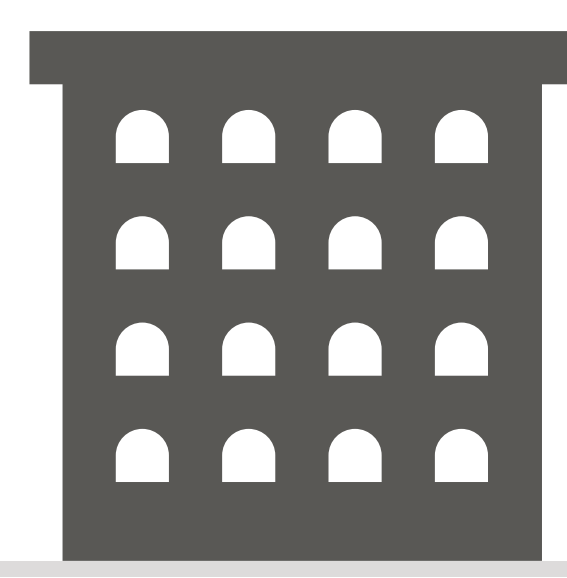
Stuyvesant Town



252 First Avenue · Manhattan

This vast housing complex is utilizing a real time energy management program to optimize existing equipment operation and evaluate the carbon impacts of reducing energy use.

building type

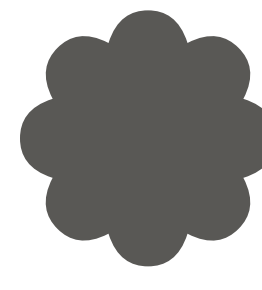


Large Residential

built
1947

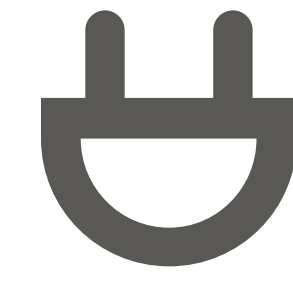
retrofit
2017–present

heating fuel



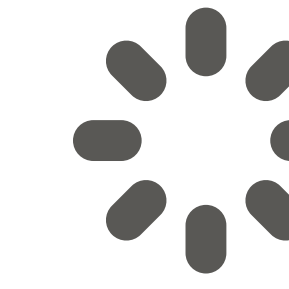
district steam

cooling fuel



electric

systems upgraded



lighting



heating



envelope



domestic hot water



cooling



ventilation



controls



other



passive house

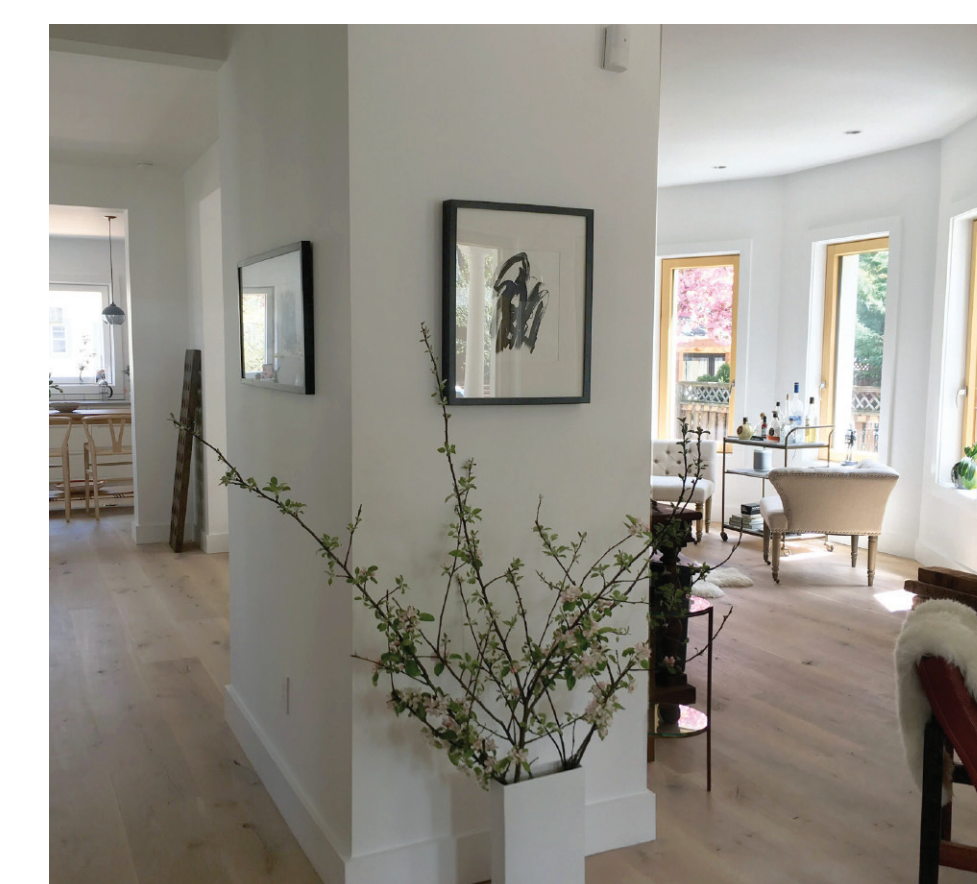
public incentives



project team

Peter Cooper Village Stuyvesant Town
Steven Winter Associates, Inc.

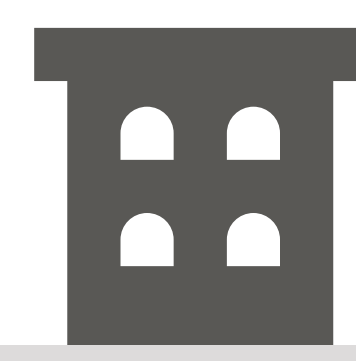
229 Stratford Road



Brooklyn

A gut renovation of a single-family Victorian home met Passive House Plus performance levels by installing efficient equipment, achieving an impressive degree of envelope airtightness, and adding a solar PV array.

building type

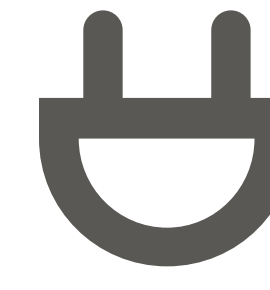


1–4 Unit Residential

built
1930s

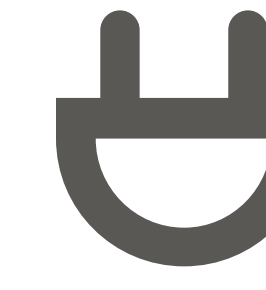
retrofit
2015–2017

heating fuel



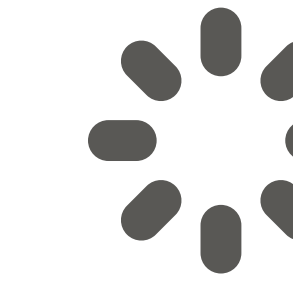
electric

cooling fuel



electric

systems upgraded



lighting



heating



envelope



domestic hot water



cooling



ventilation



controls



other



passive house

public incentives



project team

ZH Architects
J's Custom Contracting, Inc.
RID Engineering Company
A Degree of Freedom

Optivin
Zehnder America
pro clima international
Huber Engineered Woods
SunTegra

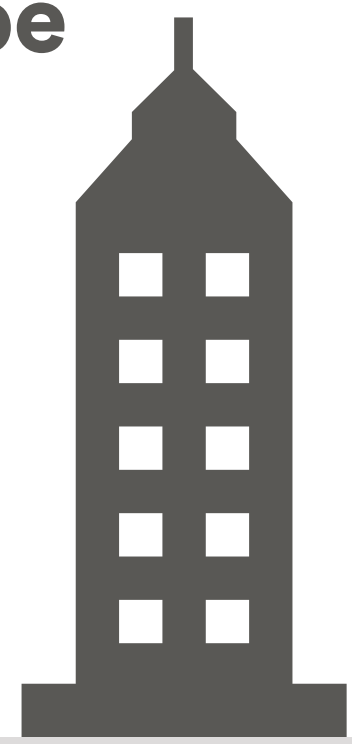
Starrett-Lehigh



601 West 26th Street · Manhattan

Lighting, heating, window, and control system upgrades transformed this 87-year-old building to better accommodate today's sophisticated tenants.

building type



Very Large Commercial

built
1931

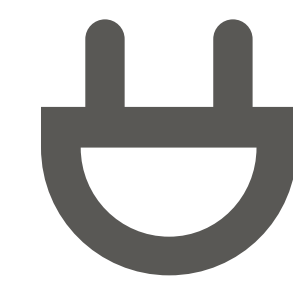
retrofit
2014–present

heating fuel



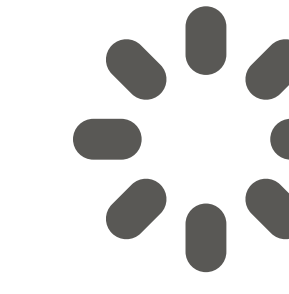
gas

cooling fuel



electric

systems upgraded



lighting



heating



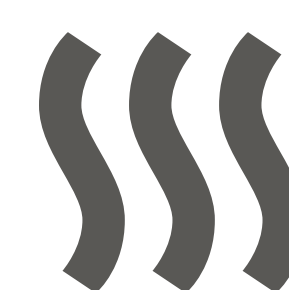
envelope



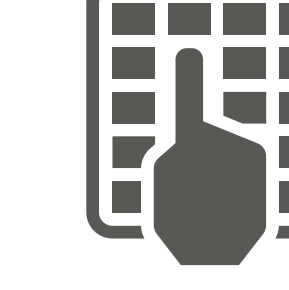
domestic hot water



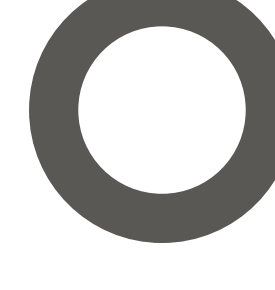
cooling



ventilation



controls



other



passive house

public incentives



annual cost savings (est.)

\$1,200,000

utility cost savings (est.)

21%

project team

Difazio Power & Electric
Boone Energy
Atlas-Acon Electric Service Corp.
Conserva Partners
Action Carting
Environmental Maintenance Contractors, Inc.
P.J. Mechanical Corp.
MG Engineering D.P.C.
Mulligan Security Corporation
MJH Mechanical, Inc.
FCS Metro
Anesis Mechanical Corp.
Neptune Machine
DTM Drafting & Consulting Services, Inc.
Tierney & Courtney
East Coast Mechanical
Service Works, Inc.
Platinum Maintenance Service Corp.
Alliance Restoration

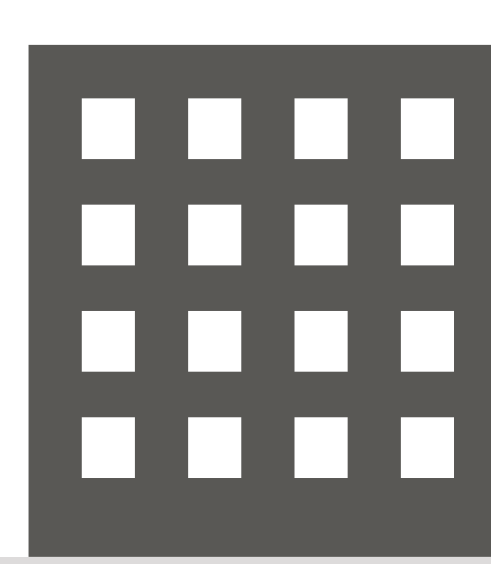
Selis Manor



135 West 23rd Street · Manhattan

This gut renovation of an assisted-living facility for the vision-impaired included boiler replacement, envelope upgrades, installation of heat recovery equipment, programmable thermostats, and more.

building type



Large Residential

built
1981

retrofit
2015–2017

heating fuel



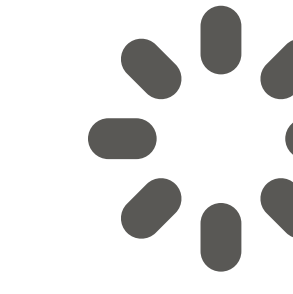
gas

cooling fuel



gas

systems upgraded



lighting



heating



envelope



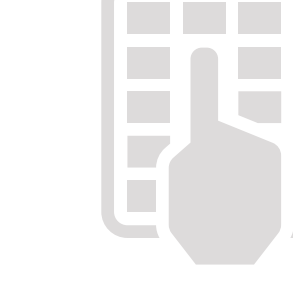
domestic hot water



cooling



ventilation



controls



other



passive house

public incentives



annual cost savings (est.)

\$80,739

utility cost savings (est.)

17%

project team

Procida Construction
EME Group
Nash
Architecture for the Blind
M. Paul Friedberg & Partners
Design 2147