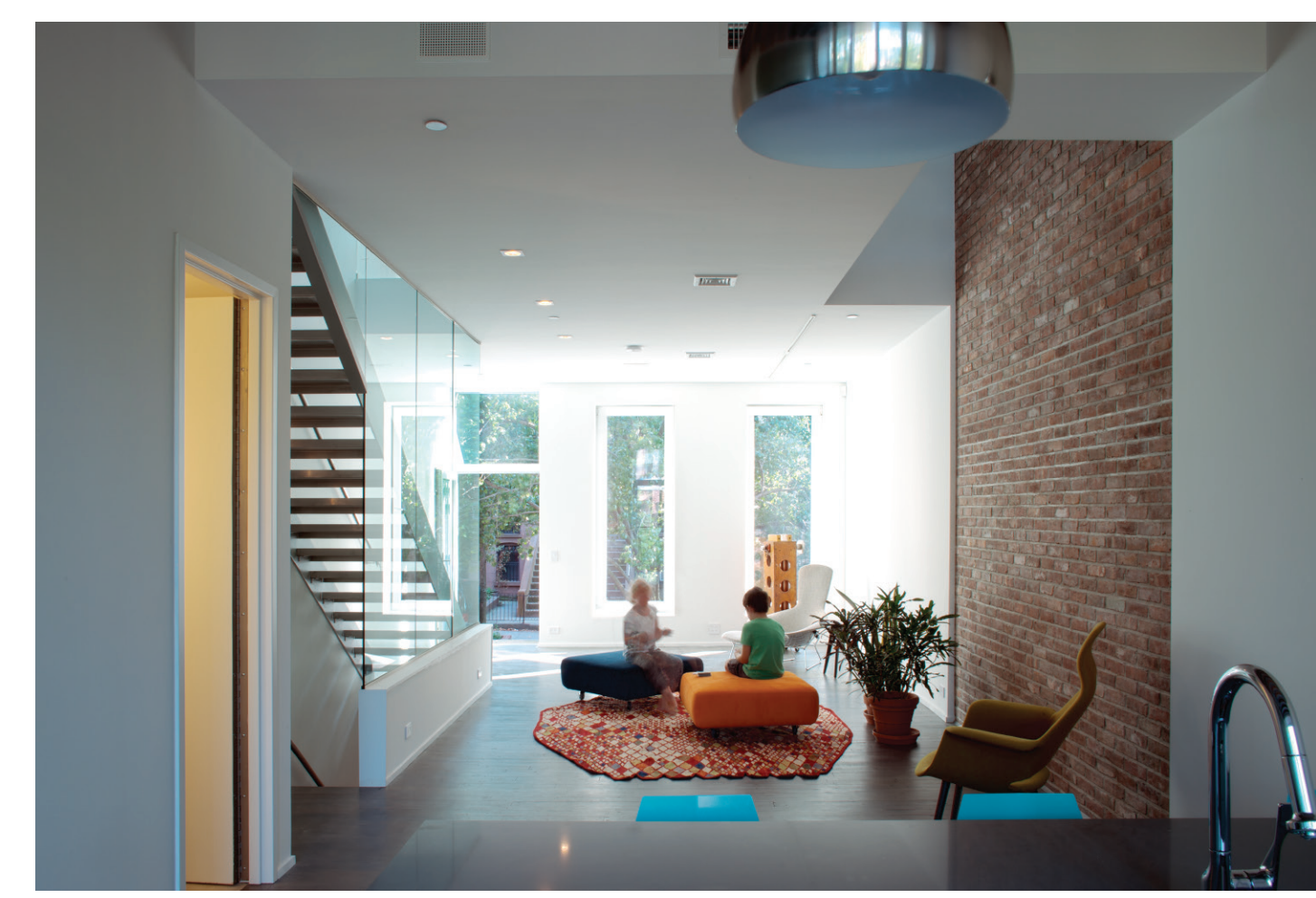
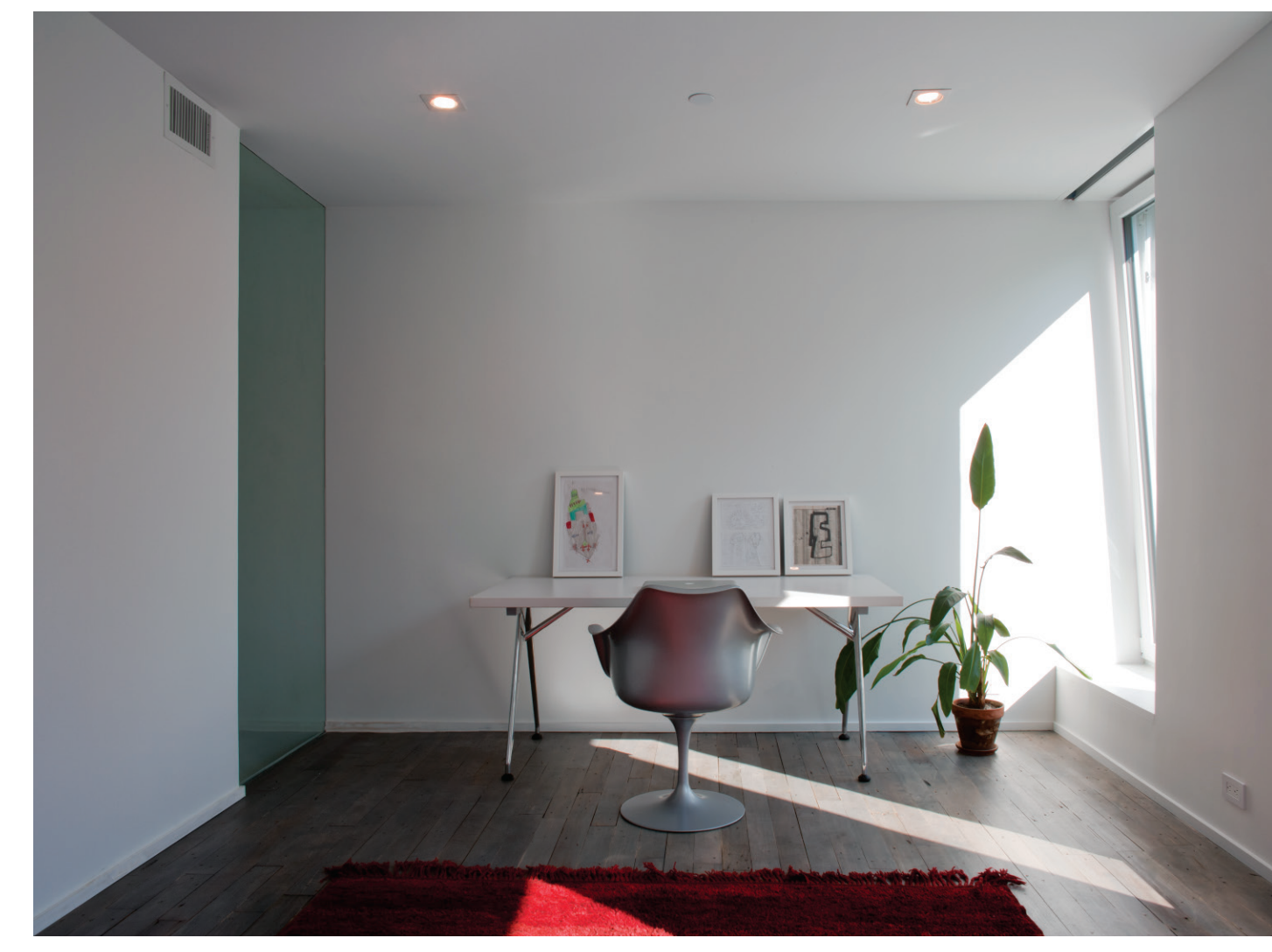


# Tighthouse



23 Park Place · Brooklyn

This gut renovation of an 1899 brownstone won an International Passive House Design Award and included a third story addition and a new rear façade.



### systems upgraded



### public incentives

### project team

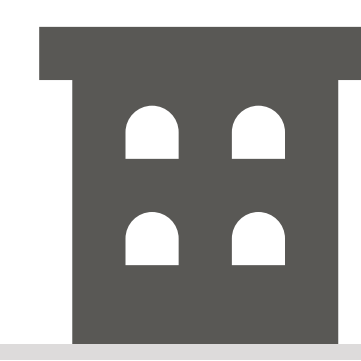
Fete Nature Architecture, PLLC  
Anastos Engineering Associates  
D'Antonio Consulting Engineers  
ZeroEnergy Design  
WM Dorvillier & Company, Inc.  
Schüco  
VaproShield

annual cost savings (est.)  
\$5,400

utility cost savings (est.)



### building type

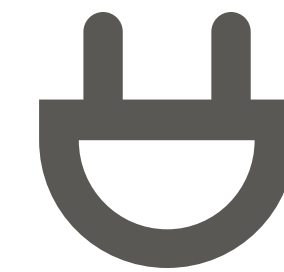


1-4 Unit Residential

built  
1899

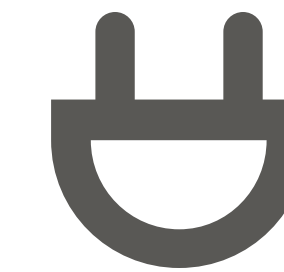
retrofit  
2011-2012

heating fuel



electric

cooling fuel



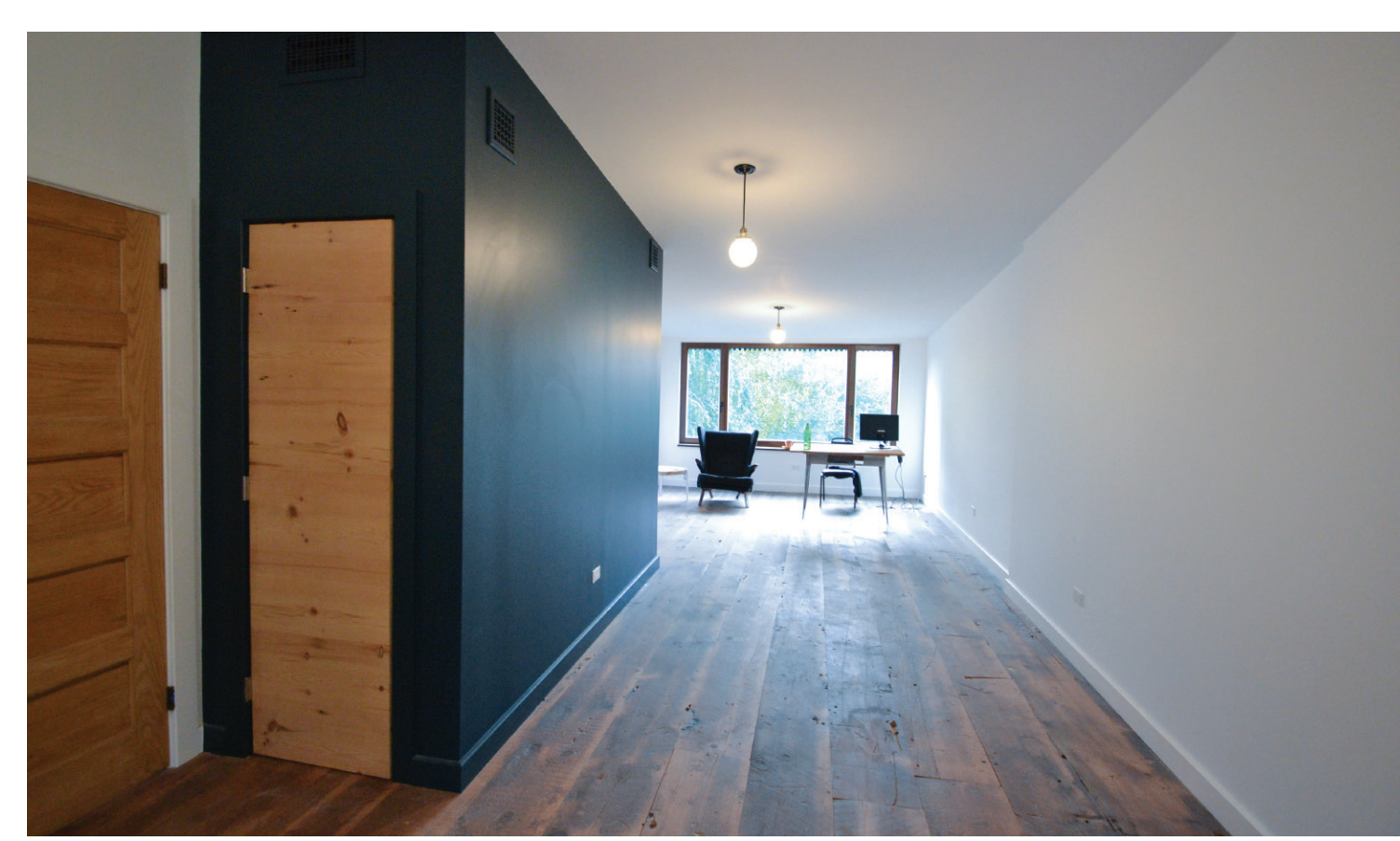
electric



# 158 Clifton Place

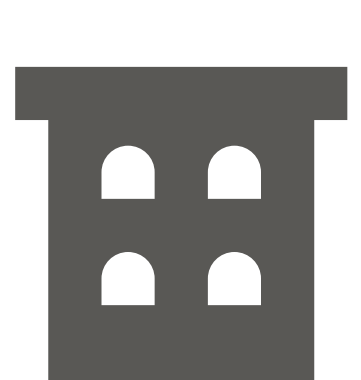


Brooklyn



A unique showcase of the use of reclaimed wood, this two-family home was renovated to meet EnerPHit, the Passive House standard for retrofits.

### building type



1-4 Unit Residential

built  
1800s

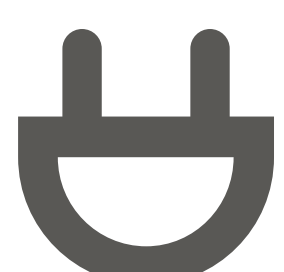
retrofit  
2017

heating fuel



electric

cooling fuel



electric

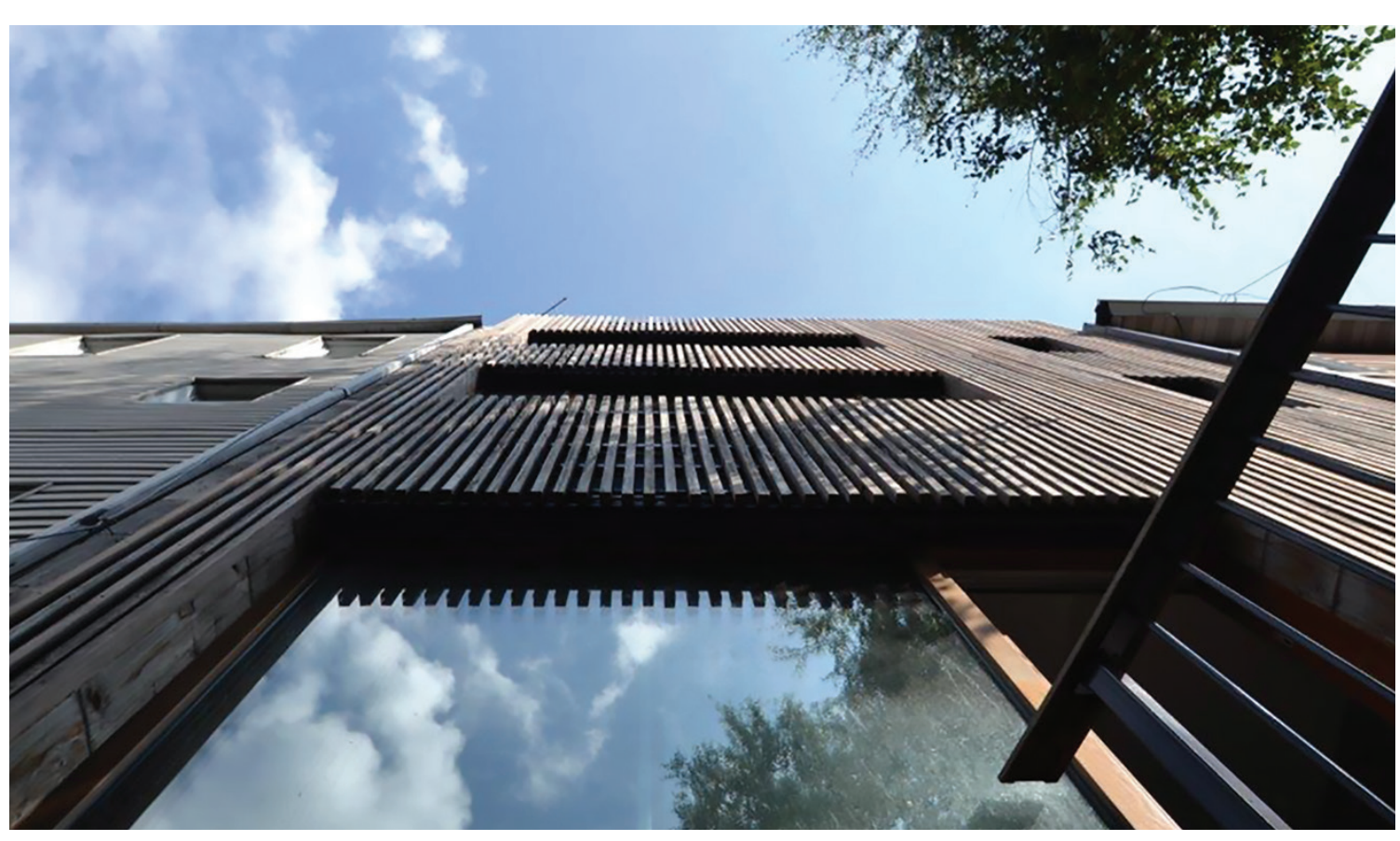
### systems upgraded



### public incentives

### project team

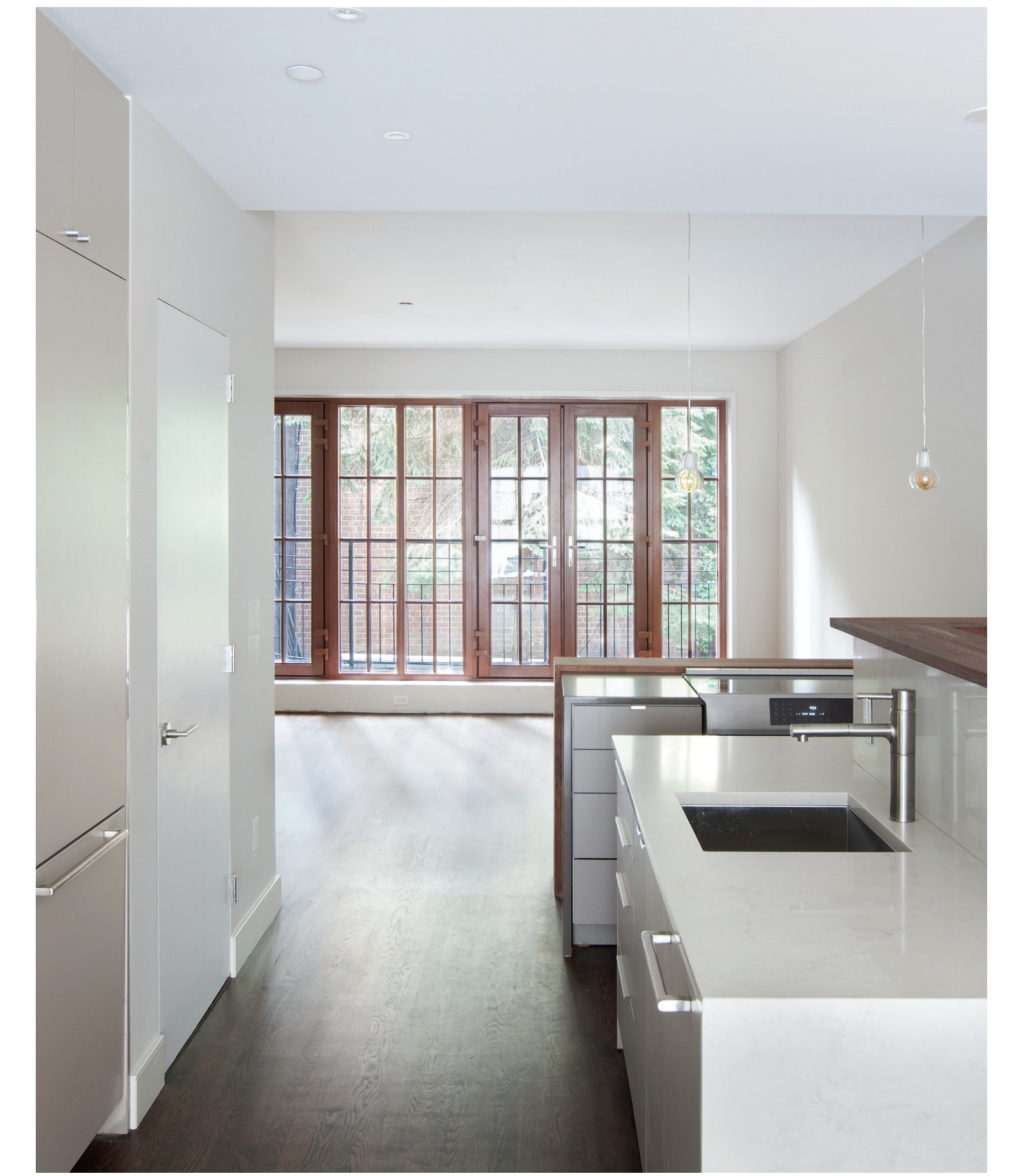
Paul Castrucci Architect  
Sawkill Lumber  
Blue Line Construction, Inc.



# 206 East 20th Street



Manhattan



This Passive House retrofit of a two-family townhouse reduced energy use per square foot to one-quarter of a typical New York State household.

### building type

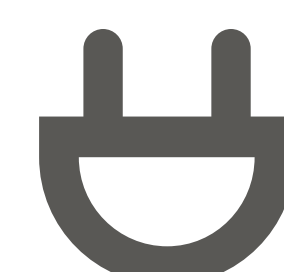


1-4 Unit Residential

built  
1910

retrofit  
2014-2017

heating fuel



electric

cooling fuel



electric

### systems upgraded



### public incentives

### project team

Sudha and Anil Sahai  
ChoShields Studio  
Passive House Academy  
Passive House Institute  
475 High Performance Building Supply  
Klearwall Industries LLC  
Baukraft Engineering PLLC  
Eagle Contracting  
Diesel Contracting  
Becker Engineering