New Courtland at Alleghany
1900 W. Alleghany Avenue
Philadelphia, Pennsylvania 19132

Building Developer:
New Courtland Elder Services

Licensed Professional:
Chris Blakelock, Cecil Baker + Partners

Year Certified:
2017

Construction Type:
New Construction

Sector:
Affordable Housing

Building Description:
New Courtland at Alleghany is a 6 story, 60 unit building in Philadelphia, Pennsylvania, with one unit bedroom ENERGY STAR Certified units.

The apartments have low-E double-pane vinyl windows (U-value of 0.29 and SHGC of 0.28), R-43 rigid roof insulation, and a combination of R-19 batt insulation in wall cavities. The units were tested at airtightness levels of 0.24 CFM50 per square foot of enclosure, surpassing program requirements by 20%. The level of compartmentalization will reduce resident energy costs, and improve comfort and indoor air quality.

All apartments have a 95% efficient gas boiler, with SEER 14 split AC units. Central domestic hot water is provided by a 95% efficient gas-fired boiler. The gas needed to heat the water is reduced through the use of Water Sense certified showerheads, low-flow faucets, and ENERGY STAR certified clothes washers.

ENERGY STAR certified refrigerators and exhaust fans, as well as efficient lighting fixtures are installed to further reduce the electricity consumption in the apartments of the building.