



BANK FLATS

Philadelphia, PA

- DEVELOPER** | Onion Flats
- ARCHITECT** | Onion Flats Architecture
- CONTRACTOR** | JIG Inc
- STRUCTURAL ENGINEER** | Larsen & Landis
- HVAC ENGINEER** | Kitchen and Associates
- CPHC** | Tim McDonald
- BUILDING ENVELOPE** | Build SMART

A Noisy Property Is Made Comfortably Quiet

The solar pv array shades the south, east and west facades about 24" away from the building. An elevated train line is directly adjacent on the east. The Build SMART Envelope System is so airtight that this noisy environment is made comfortably quiet. That's smart real estate development!

"Hey man, listen, The Build SMART System is beautiful! It's the best system I've ever seen in my life."
-Patrick McDonald, Onion Flats, Vice President

BUILD BETTER. BUILD FASTER. BUILD SMART.

PERFORMANCE TARGET | Passive House, Zero-Energy
COST/SF | \$160

SIZE | 28 units, 24,141 square feet

COMPLETION DATE | 2019

CERTIFICATIONS | Passive House U.S. PHIUS+2015

AIR TIGHTNESS | 0.050 cfm50/ft² enclosure

EXTERIOR WALLS | Build SMART E-Wall: R-31, 2x6 3 1/2" Exterior Insulation

WINDOWS AND DOORS | Alpen High Performance

PHOTOVOLTAICS | Celantano Solar, 177 kW PV array

3701 Greenway Circle Lawrence, KS 66046 | 888-376-3424 | buildsmartna.com



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