



# K. Hovnanian's Cove at Asbury Park Urban Renewal, LLC

The Cove at Asbury Park | Asbury Park, NJ | KHov.com



Photos courtesy of K. Hovnanian's Cove at Asbury Park Urban Renewal, LLC

"We definitely pay less [in utility bills] than we paid... for a similar size home." Homeowners



## PROJECT DATA

- **Layout:** 3 bdrm, 3.5 bath, 4 fls + bsmt, 2,185 ft<sup>2</sup>
- **Climate:** IECC 4A, mixed-humid
- **Completed:** July 2022
- **Category:** Multifamily

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 48
- **Annual Energy Costs:** without PV \$1,300
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$1,900
- **Annual Energy Savings:** without PV 16,100 kWh
- **Savings in the First 30 Years:** without PV \$76,500

## KEY FEATURES

- **Walls:** 2x6, 24" oc, R-19 total: advanced framed, R-19 fiberglass batt. 0.5" OSB sheathing, synthetic house wrap; fiber-cement siding.
- **Roof:** Gable truss roof and flat roof, 0.5 inch OSB sheathing, 15# roof felt, 30 year dimensional asphalt shingles, PVC membrane on flat roofs.
- **Attic:** Unvented (hot roof); 18" R-38 blowncellulose in gable attic; polyisocyanurate insulation board under PVC membrane on flat roof.
- **Foundation:** Slab on grade, R-5 rigid foam under slab for first 24 inches in around perimeter.
- **Windows:** Double-pane, U=0.24, SHGC=0.29.
- **Air Sealing:** 4.40 ACH50. Extensive air sealing with foam and caulk of all ceiling and wall penetrations. Fire-rated sealant on any penetrations through wall plates or between floors.
- **Ventilation:** Controlled central fan with fresh air intake and timered exhaust.
- **HVAC:** Single-stage furnace. 96 AFUE, with zone dampers for floors 1-3. Minisplit on 4th floor.
- **Hot Water:** Gas tankless, 0.93 EF, Water heater centrally located. Compact plumbing design.
- **Lighting and Appliances:** LED lighting, ENERGY STAR appliances.
- **Solar:** None.
- **Energy Management System:** Ventilation controls.
- **Other:** Contemporary townhome-style condominiums with rooftop decks a short walk from the beach and downtown that meet DOE Zero Energy Ready Home certification and 2021 IECC energy codes.

## CONTACT

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