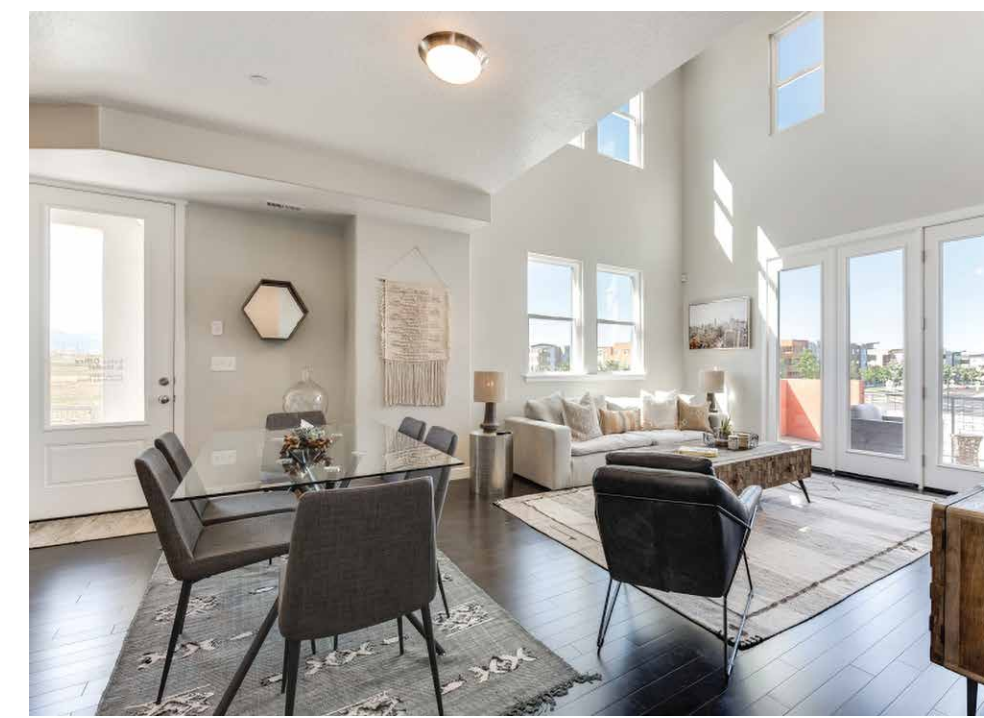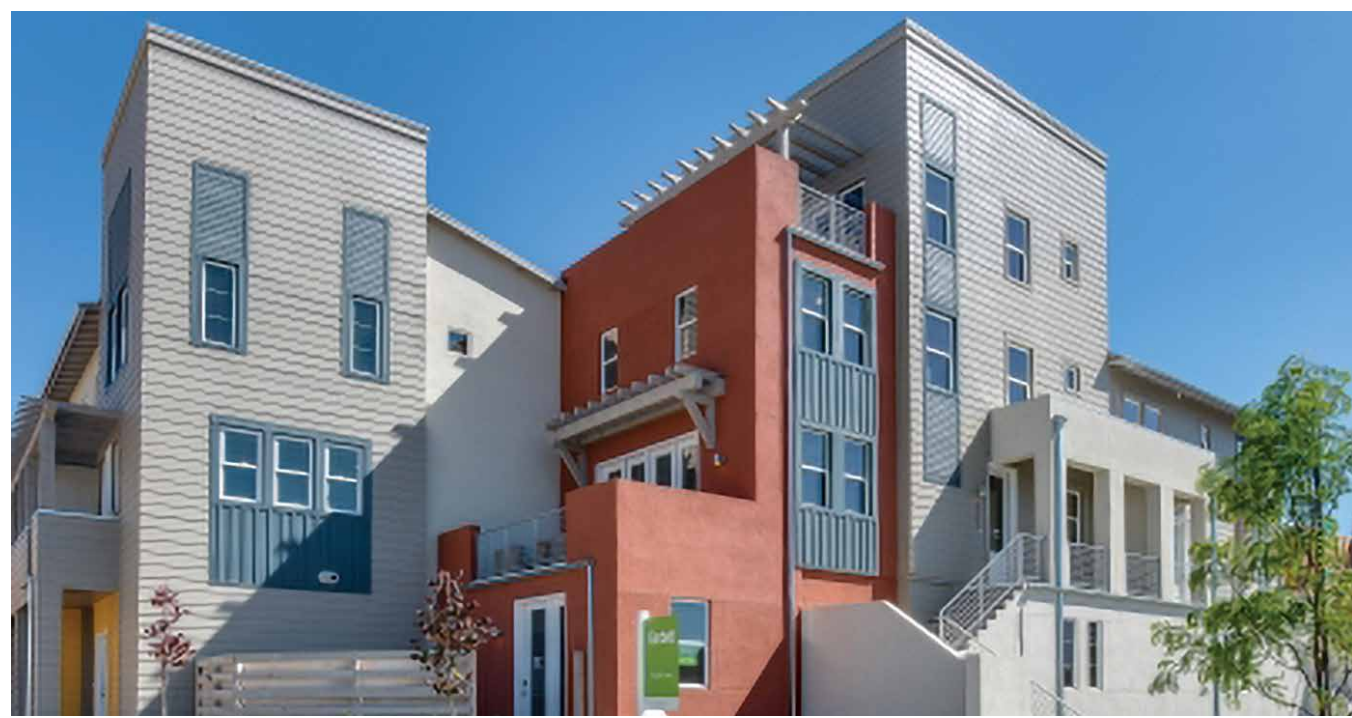*Photos courtesy of Garbett Homes*

"Low bills, indoor air quality, comfort, finishes, building process, decreased noise infiltration and so much more." *Garbett Homes*

PROJECT DATA

- **Layout:** 2 bdrm, 2 bath, 3 fls, 1,974 ft^2
- **Climate:** IECC 5B, cold
- **Completed:** April 2019
- **Category:** multifamily

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 47
- **Annual Energy Costs:** without PV $750
- **Annual Energy Cost Savings:** (vs typical new homes) without PV $700
- **Annual Energy Savings:** without PV 3,700 kWh, 500 Therms
- **Savings in the First 30 Years:** $33,600

CONTACT

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KEY FEATURES

- **Walls:** 2x6 24″ o.c. advanced framing, R-23 total: ½″ drywall; 5.5″ of blown fiberglass, ⁷⁄₁₆″ OSB sheathing, house wrap, two-ply 60-minute vapor barrier, ⅜″ cement base coat.
- **Roof:** ⁷⁄₁₆″ OSB sheathing, underlayment, #15 roof felt (2 layers on low slope), asphalt shingles.
- **Attic:** Vented attic; closed-cell spray foam over all top plates and light fixtures, 14″ R-60 blown fiberglass on attic floor; 12″ raised heel trusses.
- **Foundation:** Slab on grade, poured concrete, R-10 under slab.
- **Windows:** Double-pane, low-e, vinyl, sliding, single-hung, and fixed frames, U=0.30, SHGC=0.30 (varies).
- **Air Sealing:** 2.6 ACH 50.
- **Ventilation:** ERV, MERV 8 filter.
- **HVAC:** 96.5% AFUE gas furnace with ECM motor; 15 SEER AC; rigid metal ducts in conditioned space.
- **Hot Water:** Gas condensing tankless water heater, .93 EF; push button recirculation pump.
- **Lighting:** 95% LED, 5% CFL.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, and clothes washer.
- **Solar:** Solar ready.
- **Water Conservation:** EPA WaterSense fixtures, drought-resistant landscaping.
- **Energy Management System:** Programmable thermostat.
- **Other:** Low-to-no emission wood products, interior paints, finishes, carpets, adhesives, and carpet padding.