



# Imery & Co, LLC

Contemporary Performance | Chamblee, GA | ImeryGroup.com



Photos courtesy of Imery & Co

"I have always suffered from allergies...I come home and my odorless fresh space speaks for itself - no mold, no breathing problems, no fumes, and no itchy eyes. I'm definitely happy." Home owner



## PROJECT DATA

- **Layout:** 4 bdrm, 4.5 bath, 2 fl, 2,981 ft<sup>2</sup>
- **Climate:** IECC 3A, mixed-humid
- **Completed:** July 2016
- **Category:** custom for buyer

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 54, with PV NA
- **Projected Annual Energy Costs:** without PV \$1,600, with PV \$NA
- **Projected Annual Energy Cost Savings:** (vs typical new homes) without PV \$1,050, with PV \$NA
- **Annual Energy Savings:** without PV 4,100 kWh; with PV NA

## KEY FEATURES

- **Walls:** 2x6 24" o.c., advanced framed, R-19 open-cell foam; coated sheathing taped at seams, rain screen; shiplap cypress, fiber cement, or brick siding.
- **Roof:** White 80-mil TPO membrane over 1" polyiso rigid foam.
- **Attic:** Unvented attic, with R-19 open-cell spray foam underdeck; R-7 polyiso over roof deck.
- **Foundation:** Slab-on-grade, uninsulated.
- **Windows:** Fiberglass-framed, double-pane, low-e, U=0.28 and SHGC=0.22.
- **Air Sealing:** 1.2 ACH 50.
- **Ventilation:** Air cyclor.
- **HVAC:** Small-duct high-velocity heat pumps, 12.1 SEER, 7.4 HSPF.
- **Hot Water:** One 50-gal heat pump water heater (EF 2.4) and one 50-gal electric water heater with R-7 insulation blanket.
- **Lighting:** 95% LED interior, 100% LED exterior.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, clothes washer.
- **Solar:** Solar ready.
- **Water Conservation:** WaterSense fixtures. Compact plumbing design with short runs from two water heaters.
- **Energy Management System:** None.
- **Other:** EPA Indoor airPLUS and EarthCraft Sustainable Program. Storm shelter in home. Electric panel will support solar battery storage and gas generator.

## CONTACT

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