

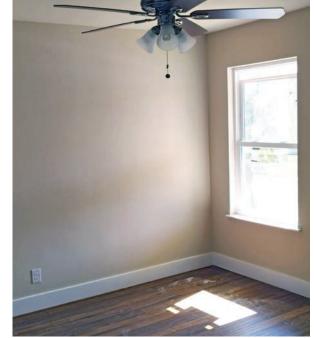
Carl Franklin Homes & Green Extreme Homes

5th Street Deep Rehab | Lewisville, TX | GreenExtremeHomes.com













PROJECT DATA

- **Layout:** 3 bdrm, 2 bath, 1 fl, 1,108 ft²
- Climate: IECC 3A, hot-humid
- Completed: November 2015
- Category: affordable

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 58
- Projected Annual Energy Costs: without PV \$1,633
- Projected Annual Energy Cost Savings: (vs home built to 2009 IECC) without PV \$570
- Annual Energy Savings: without PV 4,755 kWh

CONTACT

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KEY FEATURES

- Walls: Total R-21: rehab gutted to 2x4 studs, 3.5'' dense-pack blown cellulose, $\frac{1}{2}$ rigid EPS, $\frac{1}{2}$ " coated OSB, draining house wrap, engineered wood siding.
- Roof: New $\frac{1}{2}$ " OSB deck, full self-adhering membrane, Cool Roof asphalt shingles.
- Attic: R-38 sealed conditioned attic with 8" closed-cell foam on underside of roof deck.
- Foundation: Existing uninsulated slab-on-grade.
- Windows: Vinyl-frame, triple-pane, low-e, argon-filled, U=0.23, SHGC=0.22.
- Air Sealing: 1.2 ACH 50.
- Ventilation: ERV.
- HVAC: Mini-duct heat pump, 9.1 HSPF, 20 SEER, unit in closet, ducts in conditioned attic.
- Hot Water: 50-gal electric tank, 0.95 EF, in hall closet < 15 feet to any hot water uses.
- Lighting: LED 20%, CFL 80%.
- Appliances: ENERGY STAR refrigerator, clothes washer, dishwasher, 4 ceiling fans.
- Water Conservation: WaterSense-rated toilets and faucets.
- Energy Management System: Programmable thermostat.
- Other: No-VOC paints and sealants, green-certified plank vinyl flooring, native drought-tolerant plants in landscaping.





