

WE KEEP YOUR DREAM HOME

FROM ENDING UP A NIGHTMARE

E3 INNOVATE is your new construction advocate, and we make sure your new house is a healthy home.



“Is sprayfoam insulation the best option for my home?”

“How do we prevent high humidity and mold?”

“How do we plan for a radon mitigation system?”

“What systems do I need to consider to improve performance and durability?”

We answer all your questions, provide clear and effective solutions, and make sure the solutions are carried out efficiently and accurately.



Peace of Mind and a Clear Plan of Action

From initial design consultation, to overseeing every step of construction, E3 INNOVATE is your Custom Dream Home Advocate. We work for you, and with your builder, to make sure your new home is as healthy as it is beautiful. Call us today and let us help you live healthy in the home of your dreams.



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Design Review \$600	Custom Design \$4,750	E3 Sage Home \$9,835	Services
✓	✓	✓	Design Review: 2-hour consultation with homeowner, builder, and/or architect
✓	✓	✓	Strategy: Introduction to integrated home-performance construction
✓	✓	✓	Strategy: The thermal envelope: Attic, crawlspace, & garage construction
✓	✓	✓	Strategy: Heating & cooling load contributions, design, & equipment options
✓	✓	✓	Strategy: Exhaust system: Bath & kitchen exhaust, & radon mitigation,
✓	✓	✓	Strategy: Moisture management: Dehumidification strategies
✓	✓	✓	Strategy: Indoor air quality management: Fresh-air strategies & system options
	✓	✓	Energy Modeling: Estimate of home's annual energy consumption & cost [Up to 3,000 SQFT, \$0.15/SQFT add.]
	✓	✓	Design Optimization: Up to 3 design options for energy modeling comparison
	✓	✓	Manual J/D/S: Heating & cooling equipment sizing, duct-design, system selection [includes one duct system: \$850/per additional single zone system]
	✓	✓	Ventilation: Fresh air system equipment selection
	✓	✓	Design Review: 2-hour review of Manual J/S/D, energy modeling, & optimization Update energy model to reflect final design.
		✓	Additional Consulting: Up to 6 hours
		✓	Framing Inspection: Framing, ventilation, & radon system review on site
		✓	Insulation Inspection: Verify product(s) installed match installers specs, and meet appropriate curing/drying properties. Confirm depth & R-value.
		✓	Pre Drywall Inspection: Insulation, ventilation, & mechanical installation review on site; thermal imaging; air leakage (blower door) testing. ("Thermal bypass inspection")
		✓	Fresh Air System Testing: Operation & installation verification*
		✓	Final Testing: Air & duct leakage testing and review * [Up to 3,000 SQFT, \$0.15/SQFT add.]
		✓	Radon Testing: short (3 mo) & long term (12 mo) radon testing kits
		✓	Deliverable: Final walk-through, operation & maintenance discussion of systems*
		✓	HERS Rating/Score: Submittal to Energy Vanguard

Design Review: \$600

Design Review: Includes design insight on the thermal envelope and mechanical systems to help you balance cost and functionality. We're your personal go-to expert on products for insulation, crawlspaces, and everything related to HVAC.

Custom Design: \$4,750

Includes the initial Design Review plus annual energy consumption estimates and HVAC sizing calculations. We act in your best interest, providing the expertise and insight you need to turn your vision into reality.

E3 Sage Home: \$9,835

Includes everything from the Custom Design package plus verification, inspection, and testing during and after the construction process to ensure quality from start to finish. Then, when you're ready to move in, we show you how to use and service your new systems.

Custom Options

Select from the optional service below to further customize your project.

DOES YOUR NEW HOME HAVE A SPECIFIC NEED? ADD ANY OF THESE SERVICES.



- Additional consulting: Block of (3) hours - \$450
- IAQ Monitoring: 12 mo temperature and humidity monitoring of crawlspace, attic, and living space* - \$900
- IAQ Monitoring: Particulate, digital radon, & formaldehyde; up to 30 days post-construction* - \$2,500
- Submittal for Energy Star & Indoor airPLUS Certification. Commitment to documentation must be made prior to energy modeling.* - \$800
- Follow up: 12 mo Crawlspace and mechanical system(s) inspection* - \$750
- Follow up: 6 & 12 mo Crawlspace and mechanical system(s) inspection* - \$1,020
- Laboratory testing of sprayfoam for off-gassing verification incl. aldehydes, ketones, and VOCs - \$2,000

Travel within a 20-mile radius of the TN state capital building is included in contract sum.

*Additional travel changes are \$2.20 per mile.

E3 INNOVATE COMPANY PROFILE

E3 INNOVATE, LLC, is an **integrated home-performance company** founded in 2008 by Erik Daugherty, Middle Tennessee's first LEED-AP Homes certified professional and Vice Chair of the USGBC Middle TN Chapter.

E3 INNOVATE works with homeowners, architects, builders and developers to create healthier, more comfortable, more efficient and more sustainable residential structures. E3 provides scientific testing of a home's 'envelope:' its walls, roof, windows, floors and anywhere outside air may enter the climate-controlled indoor environment. Testing a home's envelope is the first step toward maximizing its performance by improving indoor air quality, increasing comfort and achieving greater energy efficiency.

Relying on sound building-science expertise, **E3 INNOVATE employs the most technologically appropriate and sustainable practices to improve a home's performance.**

E3 INNOVATE is the leading residential home certification facilitator and verifier in the Mid-South. E3's highly trained team includes HERS (Home Energy Rating System) Raters, BPI (Building Performance Institute) Analysts, Green Raters and the area's first LEED-AP Homes professional – which permits the company to consult homes for Energy Star certification, NAHB® (National Home Builders Association) Green Building Program, EarthCraft Home™ Certification, and LEED® for Homes™. **E3 helps builders become leaders in the green building industry and homeowners set a higher standard for sustainability in their neighborhoods.**

Residential structures account for more than a fifth of all energy consumed in the United States. E3 INNOVATE helps homeowners achieve greater comfort and lower bills in a way that also benefits the environment.

E3 INNOVATE is a member of RESNET, NAHB, USGBC, Efficiency First, Old House Fair, TVA eScore, and Tennessee Women in Green. Connect with E3 INNOVATE at [facebook.com/E3INNOVATE](https://www.facebook.com/E3INNOVATE) or Twitter @E3INNOVATE.

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E3 Innovate Team

WHY YOU SHOULD USE E3 INNOVATE:

In addition to being more comfortable and healthier, **E3 Certified Homes are up to 40% more efficient than your average home.**

Over the past four years, E3 has worked on hundreds of buildings including homes, commercial businesses, and historical landmarks. E3 continues to look at the whole-house approach giving the end-user multiple benefits.

SERVICES OF E3 INNOVATE:

Home Performance which includes, but is not limited to: Insulation, Sealed Crawspace Systems, Energy Use Modeling, HVAC Sizing, Weatherization, Duct Sealing, Combustion Safety, and Radiant Barrier. We also certify new and old homes using energy programs such as ENERGY STAR®, LEED for HOMES™, and more.

THE E3 INNOVATE DIFFERENCE:

- Home Performance Experts
- #1 Comprehensive Weatherization Contractor in the Mid-South
- Master's in Architecture with Emphasis in Historic Preservation
- Master's from Sweden in International Sustainable Development
- 5 Employees with degrees in sustainability-related fields
- Active Community Supporter:
 - Earth Day at Centennial Park
 - Inglewood Cherry Blossom Festival
 - Greater Nashville Habitat for Humanity
 - USGBC Middle TN Chapter
 - Home Builders Association of Middle TN
 - Trust for the Future
 - Tennessee Conservation Vote
 - TN Environmental Council

COMPANY OVERVIEW, AWARDS & INVOLVEMENTS

CERTIFIED EMPLOYEES

- LEED for Homes AP (1)
- ENERGY STAR Certified (1)
- RESNET Home Energy Rating System (HERS) Rater (3)
- BPI Building Analyst (1)
- RESNET Combustion Safety Certificate (4)
- Raiting Field Inspector (1)
- National Association of Home Builders Green Rater (1)
- Certified Aging-in-Place Specialist (1)

PARTNERS AND MEMBERSHIPS

- United States Green Building Council (USGBC) – National
- Member since 2007
- United States Green Building Council (USGBC) – Tennessee
- Active Chair
- Annual Sponsor
- Tennessee Valley Authority (TVA)
- Quality Contractor Network (QCN) Member for eScore Program
- Habitat for Humanity of Greater Nashville
- RESNET
- Tennessee Women in Green
- National Association of Home Builders
- Home Builders Association of Middle Tennessee
- Efficiency First

E3 AWARDS AND SPECIAL RECOGNITION

- Tennessee Environmental Council – Sustainability Award, 2018
- ENERGY STAR Partner of the Year, 2016, 2017
- Urban Land Trust Nashville – Excellence in Development, 2013
- Nashville Business Journal – Small Business Award, 2012
- Nashville Post Green Heros – 50 Most Eco-Friendly Companies, 2011
- TMA Clean Air Partners – Outstanding Partner Award 2011

ACTIVE COMMUNITY SUPPORTERS

- Tennessee Conservation Voters
- Tennessee Environmental Council
- Old House Fair
- Earth Day at Centennial Park

LEED AND ENERGY STAR CERTIFIED PROJECTS, HERS RATINGS

- LEED Certified (past & present): 15 single family; 4 multi-family
- ENERGY STAR Certified: 455 since 2008
- HERS Rated: 1,370 + since 2008



Erik describing the features of a high performance home for a local news station during an E3 Home Tour.



Lesley presenting an overview of state-wide residential building codes to builders, architects, and other members of the residential built environment in Knoxville, TN.



Erik and Stefan after receiving the 'Energy Star Partner of the Year' award on behalf of E3 INNOVATE and Habitat for Humanity of Greater Nashville.