

# ENVIRONMENTAL IMPACT REPORT | 2021



**GREEN BRICK**  
PARTNERS

# ENVIRONMENTALLY FRIENDLY HOMEBUILDING

Building responsibly through energy-conscious features\*

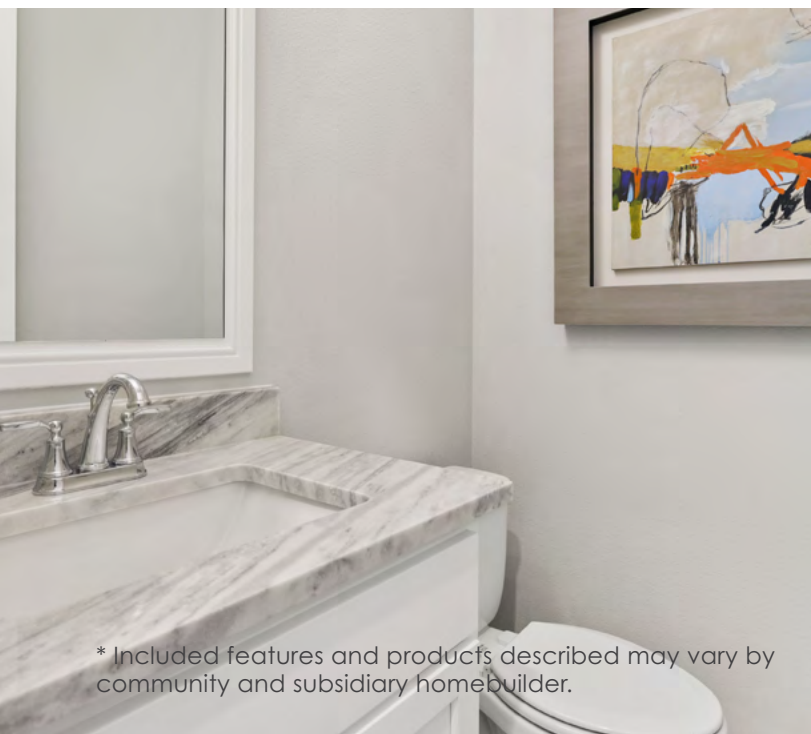
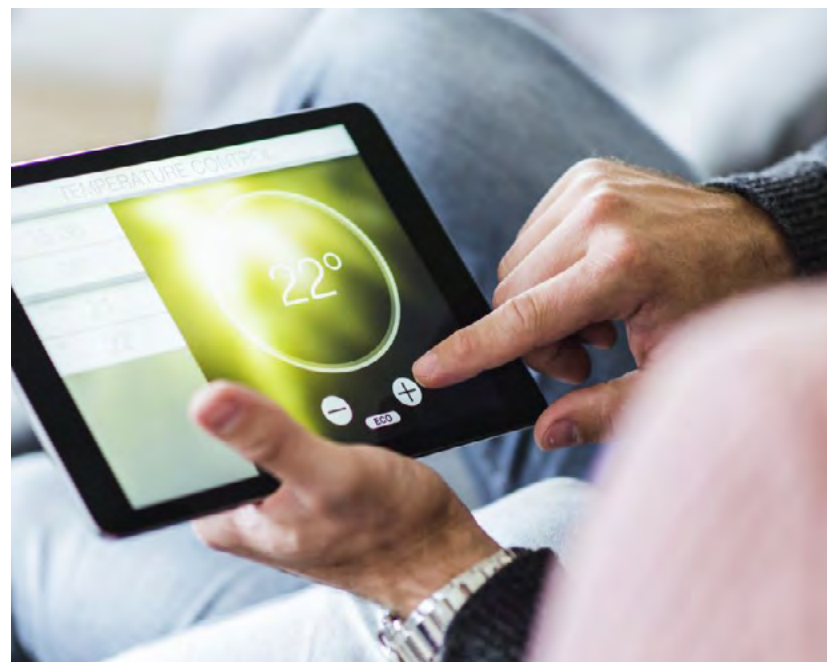
Green Brick Partners strives to make the world a better place for not just our homebuyers, but the communities where we live, work, and build. With that in mind, we understand that this commitment is inseparably intertwined with a need to build sustainable and responsibly.

In addition to constructing timeless homes with best-in-class materials, our homeowners benefit from myriad of energy-conscious features included in their homes that result in both significant savings healthier living, and a positive impact on the environment. We partner with some of the most reputable manufacturers of cutting-edge, energy-efficient products to give our homebuyers a quality home that will not only stand the test of time, but deliver significant savings for years to come. Some of our energy-conscious features include:

## FRESH AIR VENTILATION

Our homes' Fresh Air ventilation uses an inline fan that amounts to 1/10th less energy than conventional mechanical ventilation. We build on this efficiency by only moving temperature controlled air thanks to our spray foam insulation and insulated windows.

This system averages 2.2 air changes per hour (ACH) by only heating and cooling air in livable indoor areas, allowing for more energy-efficient homes.



## TANKLESS WATER HEATERS

Water heaters are typically the second highest source of energy use in the home. Many of our homes include standard Rheem Tankless Water Heaters that only use energy when needed, saving our homeowners on their utility bills while helping to protect the environment.

In addition to providing the convenience of instant hot water and a longer product lifespan, tankless units are often 20%-30% more efficient than traditional 50-gallon water heater tanks.

\* Included features and products described may vary by community and subsidiary homebuilder.



## SUPERIOR INSULATION

Conventional attics can reach upwards of 140 degrees, however with spray foam encapsulated attics, homes are able to reach 80 degrees or less. In select communities where spray foam insulation is used, HVAC duct work is placed in air-conditioned spaces, improving energy efficiency and significantly slowing heat build up in the attics. This results in superior energy efficiency and an extended life of our homeowners' roofs.

In addition to playing a key role in keeping indoor air clean, spray foam insulation eliminates nearly all air leakage.

## ENERGY EFFICIENT APPLIANCES & EQUIPMENT

Appliances and building-related equipment account for almost all the energy used in buildings. As such, households are one of the major contributors to harmful greenhouse gases. Our energy efficient Whirlpool appliances save homebuyers on operating costs by reducing energy use without sacrificing performance and design. These appliances, included at no additional cost in many homes, conserve water, significantly reduce greenhouse gas emissions, and help in reducing our carbon footprint.

With declining freshwater sources, nationally mandated water utility upgrades, and higher energy costs, we have incorporated water-saving systems, products, and practices into our new homes. Many of our builders incorporate low-flow faucets, low-flow toilets, and zoned irrigation systems as no-cost, standard features of their homes.

## SCALE AND REACH

Green Brick Partners' sustainability strategy targets every stage of homebuilding to use resources more efficiently, reduce greenhouse gas emissions, and diminish water waste. Our presence across four major markets and management team of building and finance veterans enables us to drive environmentally focused solutions on a national scale.

**2,665**

2020 Total  
Homes Closed\*

**55**

Communities Under  
Development\*\*

**3,700**

Lots Anticipated to  
be Finished in FY22

\* 2020 homes closed and closing revenue includes equity interest in Challenger Homes. For additional information, please reference our latest investor presentation by visiting [www.greenbrickpartners.com/reporting](http://www.greenbrickpartners.com/reporting). \*\* Includes 39 communities under active development and 16 communities in the engineering phase.

# SIMPLIFIED LIVING

Now more than ever, homebuyers are abundantly aware of the interconnected nature of sustainability and the impact they can have on their environment. In an effort to continually align with homebuyer feedback and leave a lasting, positive contribution to our environment, in 2021 we debuted Simplified Living at Trophy Signature Homes, a collection of energy-efficient upgrades standard with every home.



 <h2>ENERGY EFFICIENT</h2> <ul style="list-style-type: none"> <li>01 TANKLESS WATER HEATERS</li> <li>02 SMART THERMOSTAT</li> <li>03 SPRAY FOAM INSULATION</li> <li>04 HVAC</li> <li>05 EFFICIENT APPLIANCES</li> <li>06 VENTILATION</li> <li>07 HIGH PERFORMANCE WINDOWS</li> <li>08 SUSTAINABLE LANDSCAPING</li> <li>09 LED LIGHTING</li> </ul>	 <h2>AIR-TIGHT HOME</h2> <ul style="list-style-type: none"> <li>01 SPRAY FOAM INSULATION</li> <li>02 HIGH PERFORMANCE WINDOWS</li> </ul>	 <h2>CLEANER AIR</h2> <ul style="list-style-type: none"> <li>01 FRESH AIR VENTILATION</li> <li>02 SPRAY FOAM INSULATION</li> </ul>
	 <h2>WATER EFFICIENT</h2> <ul style="list-style-type: none"> <li>01 LOW FLOW FAUCETS</li> <li>02 ZONED IRRIGATION SYSTEM</li> <li>03 LOW FLOW TOILETS</li> </ul>	 <h2>SECURITY &amp; AUTOMATION</h2> <ul style="list-style-type: none"> <li>01 CLAREONE</li> </ul>

This presentation and our earnings call contain "forward-looking statements" within the meaning of the Private Securities Litigation Act of 1995. These statements concern expectations, beliefs, projections, plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts and typically include the words "anticipate," "believe," "consider," "estimate," "expect," "forecast," "intend," "objective," "plan," "predict," "projection," "seek," "strategy," "target," "will" or other words of similar meaning. Forward-looking statements in this presentation include statements regarding the Company's expectations and beliefs regarding: (i) the Company's growth, the drivers of that growth and the comparison of such growth against the industry; (ii) the strategies and potential for growth of the Company's Trophy brand and Trophy's future operational and financial performance. These forward-looking statements involve estimates and assumptions which may be affected by risks and uncertainties in the Company's business, as well as other external factors, which could cause future results to materially differ from those expressed or implied in any forward-looking statement. For a more detailed discussion of these and other risks and uncertainties applicable to the Company please see the Company's most recent Annual Report on Form 10-K filed with the Securities and Exchange Commission. 1.15.22