

Ball Homes at Tracery Oaks Development Lexington, Kentucky

Keystone Century Wall was the retaining wall solution of choice for Ball Homes' new residential development, Tracery Oaks, in Lexington, Kentucky. Providing Old World charm on a grander scale, this segmental retaining wall combines exceptional structural integrity with the distinctive look and character of a natural, three-piece stone system. Within the development, four different walls were constructed ranging in height from 2 to 16 feet, and 200 to 900 feet in length. The walls, while adding a distinctive character to the site, function primarily as soil stabilization structures.

One of the nation's top 100 home builders (as cited in Builder Magazine), Ball Homes is a family-owned and operated business based in central Kentucky. The new south Lexington neighborhood is an upscale single and multi-family home development, a small enclave of home sites tucked away in a quiet, private setting near a creek.

Keystone Century Wall was selected for several reasons. Aesthetically, the three different-sized units and the color variation — blending of gray and charcoal — that was available through producer Lee Brick & Block was appealing to the owner and architect. The three pieces of the system not only give the wall the appearance of classic, hand-crafted stone, but can readily create distinctive-looking yet heavy duty structures suitable for residential, commercial, industrial, and institutional applications. In addition to superior aesthetics, the price of the wall system compared favorably to other systems reviewed.

Crafted specifically for taller wall structures and heavy loading conditions, Century Wall uses Keystone's fiberglass pin connection method for added structural integrity and performance. An open-core design affords additional facial stability and interlocking capacity. It's also a straightforward process to design curves, 90-degree corners, battered and near-vertical walls, and terraces.

Contractor Will Daugherty of Daugherty Contracting installed the walls. He has installed Keystone products for more than 17 years. His experience with the Keystone line includes Compac, Standard, Century Wall, and Country Manor Wall structural products; and Legacy Stone Wall and Garden Wall landscape products. His company puts these systems into service for jobs ranging from backyard terraces to large commercial structures.

"For this job," Will explains, "Century Wall was the ideal product — it's a simple system to construct, made for tall walls, and it creates impressive structures with great residential appeal."

Owner: Ball Homes

Engineer: Mattingly Engineers LLC

Contractor: Daugherty Contracting

Keystone Producer: Lee Brick & Block

Technical Description:

- Keystone Century Wall®
- Total Wall Area: 15,136 sq.ft.
- Walls: 4
- Maximum Height: 16 ft.

Installation: Spring 2016

