

## Project Profile

# Farmhouse gets green updates



Sustainability doesn't have to mean sacrifice. That's a key point that Gina and Rodman Schley want others to take away from their home. Their remodeled old farmhouse in the Denver, Colorado, suburbs is beautiful, functional and sustainable.

Viega products play a part in the sustainability. The home incorporates radiant heating and cooling, Viega Flushing Technology products, as well as PureFlow products, including the ManaBloc and PEX tubing.

The Schleys star in the PBS TV show *Urban Conversion*. The show focuses on sustainability with things like growing gardens, beekeeping and learning about green energy. During the third season, the show chronicled the family's move to an old farmhouse that they remodeled.

"We want to show people sustainable options in action on a renovation project," Gina said. "Often times, people think these technologies are only for new construction."

The Schleys partnered with multiple entities, including Viega, which provided products. Radiant heating and cooling for the home was very attractive for the family, and Viega's varied options proved to be just what they needed.

Throughout the 4,000-square-foot home, there are three different types of radiant

installation. In the upper level of the house, radiant was installed with Climate Trak under the subfloor to preserve existing hardwood flooring, while the main floor uses Climate Panel. The old garage that was converted into living space uses embedded tubing in the concrete slab.

For the homeowners themselves, radiant was appealing because of its efficiency and health aspects.

"Our oldest daughter has bad allergies, so we wanted to avoid forced air systems as they often contribute to more dust in the air," Gina said. "Plus, the consistency of radiant heating is so much more attractive because of its energy efficiency, comfort and quietness. We also have peaked ceilings, so we're not paying to heat those since radiant heat doesn't rise [like forced air]. And radiant heat allows us to turn off specific rooms, like our guest bedroom, when we're not using it."

The radiant system in the house has multiple zones on each level. The setup also includes a Viega hydronic mixing block, which consists of a pump, a four-way valve and a programmable heating control. Radiant zones throughout the house make it easy to control each section according to use and location.

The Schley family also put Viega Flushing Technology Systems to work in their home, installing in-wall carriers and flush plates for wall-hung toilets. Finally, PureFlow fittings and PEX tubing provide the water system in the home. Using a Viega ManaBloc means that individual lines can be shut off.

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| <b>Object</b>   | Radiant, flushing, PureFlow |
| <b>Location</b> | Arvada, Colorado            |
| <b>Year</b>     | 2019                        |



**This remodeled farmhouse includes Viega Flushing System Technology as well as a multi-zone radiant heating and cooling system.**

