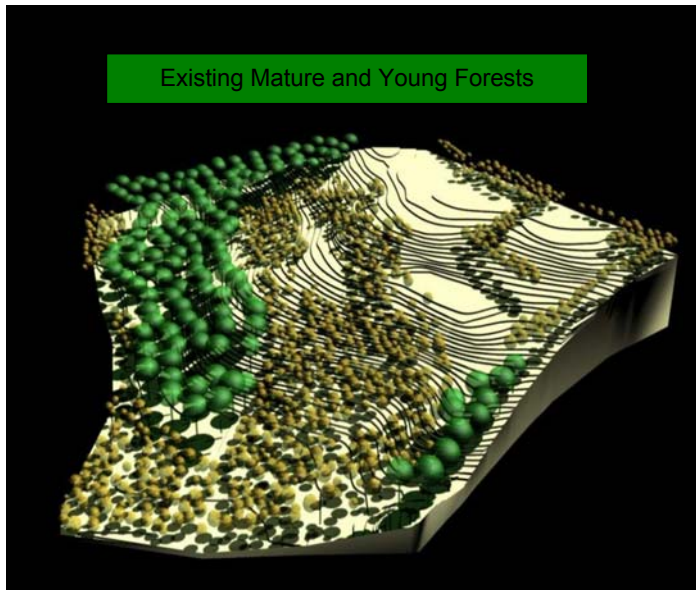


## Amonte Residential Development Conservation Site Design

Metropolitan Design & Building, Town & Country, Missouri

Amonte is an 8.3-acre, 7 lot residential development in Town & Country, Missouri, one of the most sought after communities in St. Louis County. Each lot will eventually hold a multi-million dollar custom home. The goal of the site layout and stormwater system is to preserve the adjoining stream and forest as well as contribute to the aesthetic appeal of the site.

The strongest existing stormwater assets are stands of mature and young forests. The site design conserves the existing forest to the greatest extent possible. In doing so, we make use of interception provided by the trees



understory and forest floor. Infiltration on the site is limited by near surface bedrock and steep terrain.

Runoff from the development is detained in an underground storage vault before being gradually released into the stream. The system provides water quality protection while contributing to the upscale look of the development. The underground detention is located in the road right-of-way in an effort to reduce total site disturbance.

Expect construction completed in 2008.