

A 3-bedroom home with a non-compliant septic system required replacement. The soil here allowed us to keep the new system below grade. Our design included a Brown Wilbert 1,500 gallon combination septic/pump tank. The first compartment, with a capacity of 1,000 gallons, is for septic storage. Once the sewage settles out, the effluent flows into the second compartment of 500 gallons, which serves as the pump tank. From there, the effluent is pumped to the pressure bed for final disbursement and treatment.



***Packing around the tank prevents the soil from settling.***



***Risers are added to make the tank accessible.***



***The manhole covers are left above grade for future service and maintenance. A power post equipped with a visual and audible alarm is installed to alert when there is an issue that needs attention.***



***Excavated rockbed with scratch***



***Washed rock & laterals***



***Final grade, seed, and cover over the new pressure bed***

We excavated the 15' x 40' rockbed area and gently scratched the soil. Next, we added washed rock and constructed the laterals. Once a pressure bed is built and covered, a few components are visible above grade. There two inspection pipes, positioned at each end of the pressure bed. Additionally, there are cleanouts at the end of each lateral. The covers are flush with final grade for ease of mowing and maintaining the yard.

Throughout the excavation process, we exercise the utmost care in safeguarding and maintaining the integrity and aesthetics of your yard. While the initial appearance may be concerning, rest assured that we meticulously perform final grading, seeding, and covering to encourage healthy vegetative growth.