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Let's think GREEN

Are you an environmentally-conscience homeowner? When the rains fall, where does the water go? Does the surface water find its way to your basement, into the low spots of your driveway, onto your neighbor's property?

Proper design and excavation is critical to maintaining control of storm water management on your property.

Directing Storm Water Away from Foundation

To prevent water from entering a basement area, fine grading can direct the water to run away from

the foundation of the home. Regularly check your downspouts to be sure they are clear of obstructions and in place, otherwise the water can run directly along the foundation and into the basement.



Proper Retention of Storm Water

The proper grades and elevations can direct water into designated areas of retention. In some cases, areas that collect water can be remedied quickly by re-grading the area to direct the waters path. An excavation professional can assist in building a storm water infrastructure including swales, basins and drains.

Preventing Erosion

Designing landscape mounds and retaining walls are an effective way to control erosion on your property. It can be as simple as incorporating a mound of dirt into your area or as extensive as building an interlocking masonry retaining wall. There are many options of retaining walls to fit the homeowner's preference for functionality, as well as curb appeal.

A retaining wall is a structure that holds back soil or rock from a building, structure or area. Retaining walls prevent downslope movement or erosion and provide support for vertical or near-vertical grade changes. Aesthetic retaining walls are generally made of masonry, stone, brick or timber.



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B.R. Kreider and Son, Inc. is a premier site management company based in Manheim and serving the Susquehanna Valley region. We offer a variety of residential and commercial services, including site management, excavating, paving (driveways, parking lots, streets, and more).

Creating a Pathway of Trust. B.R. Kreider & Son, Inc. has a paving team that combines extensive field experience, expert team management and state-of-the-art equipment. We can make your driveway or walkway picture perfect.

When Your Property Needs Help. B.R. Kreider & Son, Inc. offers a full list of residential excavating services. Since 1936 we've been grading, excavating, trenching and digging around residential homes and developments.

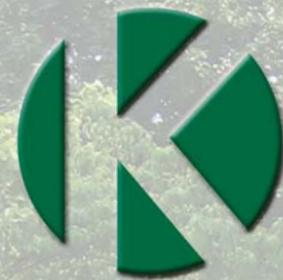
We Build on Decades of Experience. As Site Managers, we enhance the process of planning & managing a site/project for its current, intended purpose, using a depth of experience to find the most cost-effective, time efficient and expedient processes available.

B.R. Kreider & Son, Inc. is a family-owned business founded by Benjamin R. Kreider in 1936, continued by his son, Elvin Kreider. Today, the third and fourth generations employ over 150 employees ready to serve the surrounding community with a primary focus on caring for each customer's needs. Our salesmen are available to guide you through the process of making your projects a reality.



Once popular as an inexpensive retaining material, railroad ties have fallen out of favor due to environmental concerns. Segmental retaining walls have gained popularity over poured in place concrete walls or treated timber walls.

Walls that support heavy loads or exceed four feet in height require special soil reinforcement and should



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Excavate to find the throat of the sinkhole. Plug the throat with concrete and compact clay in to seal the area at the hole. Finish grade and seed to restore to original condition.

be professionally designed and installed. Some municipalities may require engineering and special installation techniques for walls shorter than four feet. You should check with your local municipality before designing or constructing your new retaining wall.

Establishing a pond or restoring a streambed can improve the environment for the future. Again, proper design and construction is most important. Pond construction should start with a meeting with your local Conservation Agency. The second step is approval from your local municipality. Once a design is approved, an experienced excavator can be contracted to bring your imagination to life.

R&A



Developing your entrance/driveway to include existing trees and landscape will enhance the design to be more natural and appealing, but most of all will save the trees!