

Village of Ardsley Phase II Stormwater Management Raingarden Project

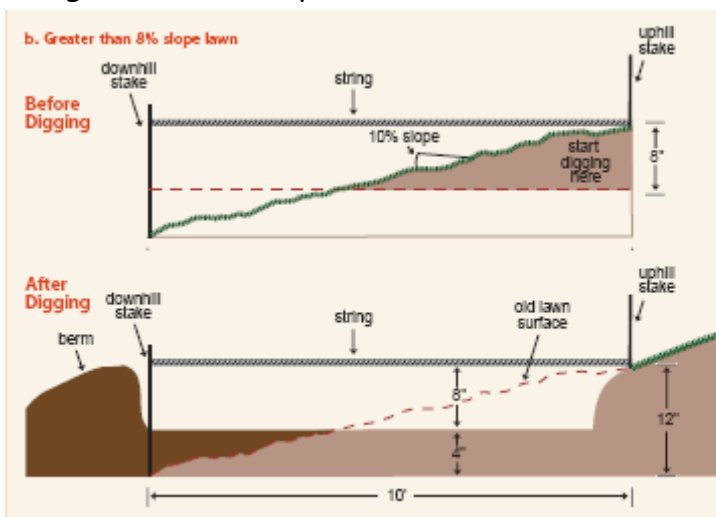
The EPA Stormwater Management Program aims to clean up the waters of the US. We can all help by trying to keep more water on our property so it gets a chance to sink back into the ground instead of washing over the street and into the storm drain. One way to collect runoff is with a raingarden.

Raingardens are level planting beds, about 4 to 8 inches deep, which collect runoff. They should be at least 10 feet from the foundation of the house, preferably on a shallow slope. You can direct your downspouts to drain into them. There is a terrific manual with details at <http://www.dnr.state.wi.us/org/water/wm/dsfm/shore/documents/rgmanual.pdf>

We installed a small (10 ft width X 7 ft length) demonstration raingarden at AMS. It is located on MacCormack Drive on the west side of the entrance. (See picture below)



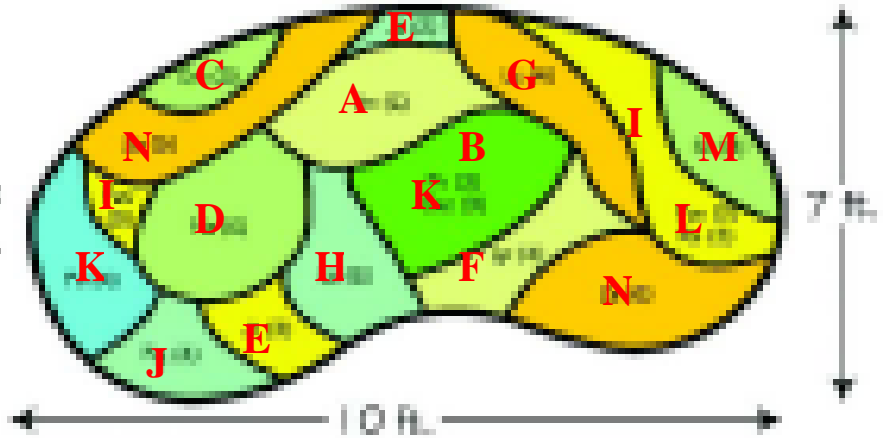
We excavated the planting bed to a depth of 8 inches and leveled it as needed with additional soil. Excavated soil was used to create a berm at the lower edge (east side in our garden) and grass seed was planted on the berm to stabilize it. (See diagram below)



The bed is an irregular shape filled with a variety of perennial plants (except Verbena which is an annual). (See diagram below)

10 feet wide;
full to partial sun with silt and sandy soils

Total Area:
70 sq. ft.



- | | |
|----------------------------|-----------------------|
| A Aster | H Blue Lobelia |
| B Bottlebrush sedge | I Verbena |
| C Joe Pye weed | J Phlox |
| D Helenium | K Lavender |
| E Viola | L Echinacea |
| F Gayfeather | M Solidago |
| G Cardinal flower | N Daisies |



Village of Ardsley Phase II Stormwater Management thanks Cub Scout Pack #3 and the Hobbs, Leib-Geiger, Lyons, Palij, Shlom and Yee families for their hard work and extra effort in installing our Village Rain Garden.

