

# PERCY RESIDENCE



## Pre-Rain Garden Conditions

A curb cut rain garden was installed on the Percy property to treat storm water from both the property and offsite. Prior to installation, rain falling on the roof of the residence was directed, unfiltered, onto the yard and road. The storm water eventually made its way to Golden Lake via the storm sewer system. This excess runoff from impervious surfaces can cause:

- An influx of sediments, nutrients and pollutants
- Algae blooms and unwanted aquatic vegetation
- An increase in water temperatures.

## PROJECT SPECS

Date Installed ..... September 2008

Total Planting Area .....375 ft<sup>2</sup>

Design Assistance Provided By.....ACD

Cost-share provide by .....Rice Creek Watershed District

Cost-share Funds Provided .....50% of eligible expenses up to \$3,490.00



## Curb Cut Rain Garden



The site was deeply excavated and backfilled with rain garden soil to provide a high water treatment and detention capacity.

The rain garden was designed with a dry creek bed supplying rain water from the roof into the back of the rain garden. Storm water falling on the roof is directed into the creek bed by downspout.



The curb cut rain garden is designed to treat storm water from offsite as well. Storm water is directed from the street-side gutter into the rain garden for treatment.