

## **LID BUILDING & SITE MEASURES**

### **Qualifying for LID (Low Impact Development) Building and/or Site Measures Credit**

Installing Vegetated Roofs or Other LID Building features that reduce the amount of storm water that enters the sewer system can be considered for recalculating the ESWU value for a property. Similarly, changing site features that will allow more runoff to be held on site and allowed to percolate into the ground can be considered. To be considered for the ESWU reduction, the LID measures must be designed to capture at least 0.5 inches of rainfall on the site. To qualify for a fee reduction for LID building or site measures, plans, details, specifications and calculations for the proposed features must be prepared by a licensed Professional Engineer. The plans must show calculations for the proposed ESWU value for the property that is to be considered. Should features require maintenance to continue their effectiveness (such as porous pavements), a renewal and re-application requirement may be imposed by the City Engineer, as deemed necessary.

If an owner wants to consider the benefit that such an improvement would make on their ESWU rating, they may first wish to prepare a simple plan (to scale) that conveys the intent, and obtain a simple LID Determination. The fee for this determination is \$100, and allows the owner to obtain information to help determine if the investment in the improvement is worth the expense. If the owner decides that they wish to proceed with the change(s), they may then have plans prepared and go through the Planning Board and Building Dept. permitting process as would be done for any other such project.

More information on Low Impact Development (LID) measures and techniques can be found in Chapter 7 of the LID Manual for Michigan, published by SEMCOG.