

## **7.4 Rainwater Harvesting**

### *7.4.1 Design Criteria*

- 100% reuse of the annual average runoff volume (use continuous runoff model to get annual average for drainage area).
- System designs involving interior uses must have a monthly water balance that demonstrates adequate capacity for each month and reuse of all stored water annually.

#### Runoff Model Representation:

- Do not enter drainage area into the runoff model.

### *7.4.2 Other Criteria*

- Restrict use to 4 homes/acre housing and lower densities when the captured water is solely for outdoor use.

## **7.5 Reverse Slope Sidewalks**

Reverse slope sidewalks are sloped to drain away from the road and onto adjacent vegetated areas.

### *7.5.1 Design Criteria:*

- $\geq 10$  feet of vegetated surface downslope that is not directly connected into the storm drainage system.
- Vegetated area receiving flow from sidewalk must be native soil or meet guidelines in BMP T5.13 of Volume V – Chapter 5.

### *7.5.2 Runoff Model Representation:*

- Enter sidewalk area as landscaped area over the underlying soil type.