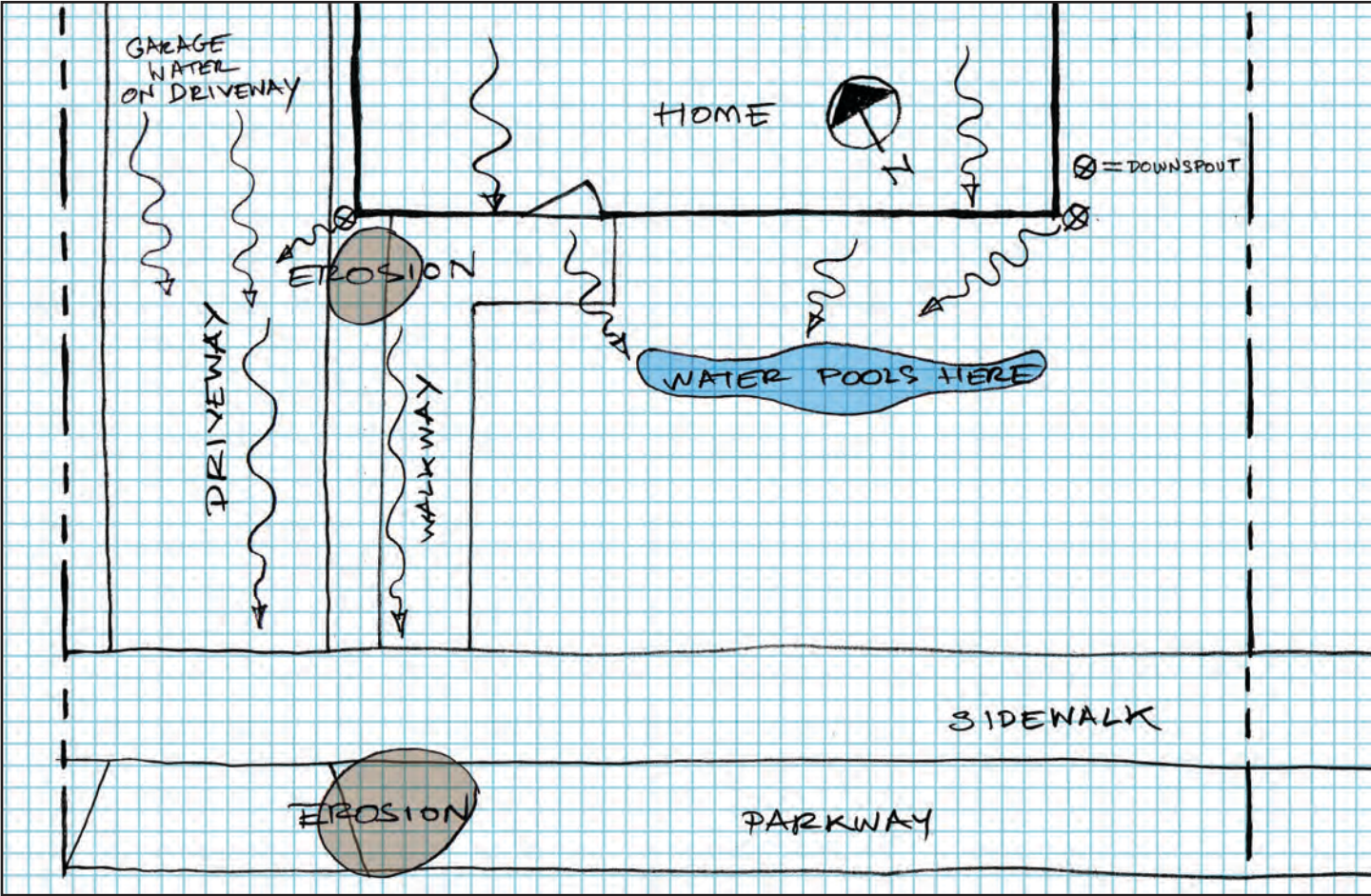


# Map your yard as a **Mini-Watershed**



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## Your **Roof** is the **TOP** of the watershed.

### Make a Copy of Your Site Plan and Label It “Water Plan”

Watch what happens to water as it comes off the roof of your home and moves across your property. Your roof is the **Top** of your mini-watershed and where the water finally runs off your property is the **Bottom**. Think about how you can capture water in between the top and bottom of your landscape.

Begin to separate out each area that deposits water into a downspout. Mark the location of each of your roof gutters and downspouts. Once you know the total area of the roof, you can figure out the amount of rainfall that it generates (see p. 27).

- Do you have low spots in which water pools?
- Does water run off the property anywhere?
- Does water run onto the property from a neighbor or street?
- Do any buildings or any hard surfaces appear to be water damaged or eroded? If so, does it appear to be a result of rain, irrigation, or both?
- Turn on the irrigation for no more than 10 minutes and note whether there is pooling or runoff (see p. 24).
- What parts of the roof divert water into downspouts, and is the water being diverted into your landscape? Indicate the direction of the water with arrows as seen above.

**Look for a place in the landscape where you can place a swale that covers approximately 150 sq. ft. for every 1,000 sq. ft. of roof.**

Use a water level (bunyip) to determine the grade of the property, especially the grade change between the foundation of the residence and the beginning of the area where you want to place the swale (see p. 25).



see AFTER image on p.2