Green Infrastructure
Site Planning Worksheet

Instructions:
1. Sketch the site you want to retrofit/modify/improve
2. Include structures/buildings/houses and whatever you know about the rooflines
3. Include paved areas, lawns, as well as problem areas
4. If able, use google or bing maps to estimate the impervious area that you think you can capture, or estimate.
5. To calculate volume multiply area by 3 (3ft of rain is Seattle avg), and multiply by 7.5 (gallons/Cu.Ft) to get gallons of runoff produced by that surface.
6. Based on existing downspout locations and the rest of your site landscape decide where you will collect runoff (e.g. which downspouts), and what you want to direct it toward (cistern, rain garden)
7. Add your green infrastructure feature and label it: Rain Gardens are typically about 10% as large as the area that drains into them, cisterns are best sized to hold at least 2 gallons for every 1 s.f. that drains to them.

REMEMBER: WORK WITH GRAVITY, NOT AGAINST IT. Gravity always wins

Key
Existing Downspout
Impervious surface
Existing wet areas
Cistern/ Rain Barrel
Rain Garden/ swale
Green Roof
Depave
Permeable paving
Invasive removal
Tree planting