Form 4.2-1 LID BMP Performance Criteria for Design Capture Volume (DA)			
1 Project area DA (ft²):	2 Imperviousness after applying preventative site design practices (Imp%):	³ Runoff Coefficient (Rc): _ R _c = 0.858(Imp%) ^{3} -0.78(Imp%) 2 +0.774(Imp%)+0.04	
Determine 1-hour rainfall depth for a 2-year return period P _{2yr-1hr} (in): http://hdsc.nws.noaa.gov/hdsc/pfds/sa/sca_pfds.html			
5 Compute P ₆ , Mean 6-hr Precipitation (inches): P ₆ = Item 4 *C ₁ , where C ₁ is a function of site climatic region specified in Form 3-1 Item 1 (Valley = 1.4807; Mountain = 1.909; Desert = 1.2371)			
Drawdown Rate Use 48 hours as the default condition. Selection and use of the 24 hour drawdown time condition is subject to approval by the local jurisdiction. The necessary BMP footprint is a function of drawdown time. While shorter drawdown times reduce the performance criteria for LID BMP design capture volume, the depth of water that can be stored is also reduced.			
Compute design capture volume, DCV (ft ³): $DCV = 1/12 * [Item 1* Item 3 * Item 5 * C_2], where C_2 is a function of drawdown rate (24-hr = 1.582; 48-hr = 1.963)$ Compute separate DCV for each outlet from the project site per schematic drawn in Form 3-1 Item 2			