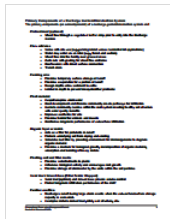


1



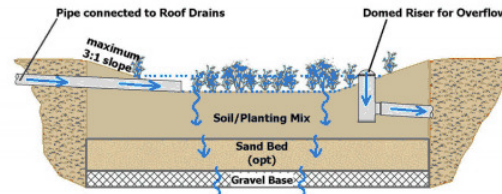
2



3

Structural BMP Criteria

BMP #: Recharge Garden/Rain Garden/Bioretention Garden



Geotextile fabric should line the bed.
Sand bed and/or gravel base are optional features based on existing soil conditions.

A Recharge Garden (also called a Rain Garden or a Bioretention Garden) is an excavated shallow surface depression planted with specially selected native vegetation to treat and capture runoff and typically underlain by a sand or gravel infiltration bed.

<u>Key Design Elements</u>	<u>Potential Applications</u>
<ul style="list-style-type: none"> • Infiltration volume sized for the 2-year storm or lesser volumes, with overflows • Flexible in terms of size and infiltration • Ponding depths restricted to 6 inches or less for rapid draw down • Soil infiltration tests required • Native hydrophytic vegetation that is tolerant of hydrologic variability and environmental stress 	<p>Residential Subdivision: YES Commercial: YES Ultra Urban: YES Industrial: YES Retrofit: YES Highway/Road: YES</p>
	<p style="text-align: center;"><u>Stormwater Functions</u></p> <p>Volume Reduction: Medium Recharge: High Peak Rate Control: Low/Med. Water Quality: Med./High</p>