Provide a 1" drop from the edge of pavement

BSM bottom width varies, 1' minimum

Ponding depth varies

6" min. freeboard

Sidewalk

Overflow structure or flow path

Provide a 1" drop from the edge of sidewalk

2" woodchip mulch or aggregate

6" to 12" (see note 2)

18" Bioretention Soil Mix (BSM)

2" woodchip mulch or aggregate

3" coarse compost in ponding area

Mineral aggregate

Mineral aggregate bottom width to match BSM bottom width

Underdrain pipe

NOT TO SCALE

Notes:
1. See BMP T7.30: Bioretention for further details regarding design, installation, and maintenance of bioretention.
2. Minimum 6" to discourage fines from entering the underdrain from the BSM. Maximum 12" to prevent unnecessary BMP depth from encroaching into the seasonal high ground water.
3. If depth to the seasonal high ground water allows, this distance may be larger.
4. When an underdrain is used, the design must ensure that the seasonal high ground water does not encroach into the BMP (including the mineral aggregate layer surrounding the underdrain pipe).