



**NOTES:**

1. See Std. Plans GSI-05a and b for plan view. See Std. Plan GSI-04 for transition zone requirements.
2. 24-inch minimum required where adjacent to parking.
3. Avoid compaction of existing subgrade below facility.
4. Scarify subgrade 3-inches minimum before bioretention soil media installation.
5. Plantings per Std. Plan GSI-20a and plans.
6. Plantings adjacent to parking shall be selected and spaced to allow pedestrian access to vehicles.
7. Sizing and design of facility per SWMM BMP L630.
8. Freeboard depth varies (2-inches or 6-inches) depending upon size of drainage area. For freeboard, ponding and overflow depth, see SWMM BMP L630.
9. Overflow type depends on project design. See Std. Plans GSI-13 or GSI-14. Alternate overflow type may be allowed.
10. Side slopes steeper than 3:1 may be approved if overall facility depth is less than 3 feet from top of mulch to top of facility.
11. Inlet elevation to be above freeboard elevation.
12. Underdrain bedding per WSDOT 9-03.12(4) Gravel Backfill for Drains.

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| <p>DCS<br/>PUBLIC WORKS</p> <p>N/A<br/>TACOMA POWER</p> | <p>REVIEWED BY <i>GMS</i></p> <p>ENVIRONMENTAL SERVICES<br/>NA<br/>TACOMA WATER</p> | <p style="text-align: center;">APPROVED FOR PUBLICATION</p> <div style="text-align: center;">  <p><i>[Signature]</i><br/>CITY ENGINEER</p> </div> <p style="text-align: right;">4/4/16<br/>DATE</p> | <p>CITY OF TACOMA</p> <p>BIORETENTION SECTION<br/>WITH UNDERDRAIN</p> <p>STANDARD PLAN NO. GSI-03b</p> |
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