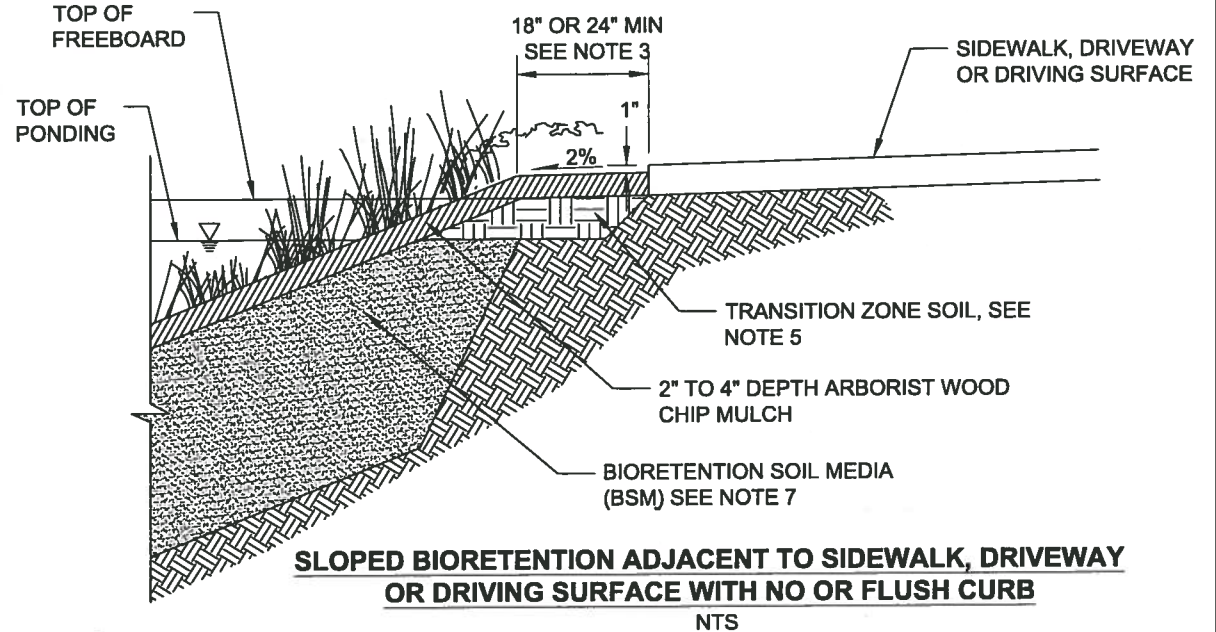
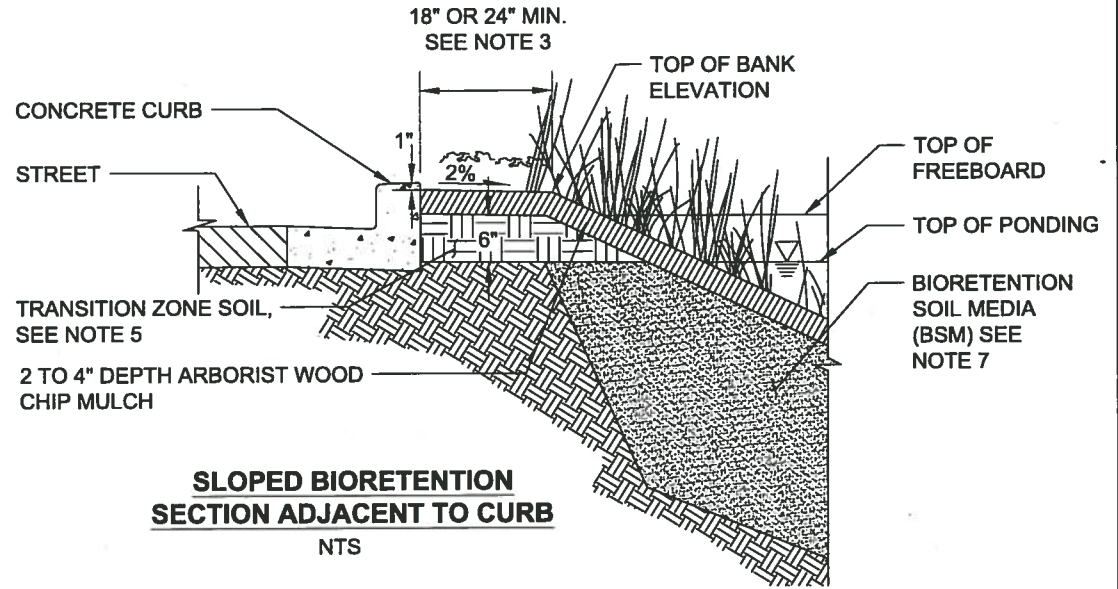


NOTES:

1. 1-inch grade change from edge of sidewalk, curb and/or other hard surface.
2. 2% max. slope for shoulder / level area.
3. Shoulder / level area width to be 24-inches minimum when adjacent to driveway, on street parking or driving surface with flush or no curb. Plantings adjacent to parking shall be selected and spaced to allow access to vehicles.
4. Compact transition zone soil to 90% max. modified proctor density (ASTM D1557).
5. Transition zone soil shall be per BMP L613 option 2 or 4 (Std. Plan GSI-01) as applicable or per Note 6.
6. Soil amendment: scarify or till subgrade to 3-inch depth. Place 3-inches of topsoil on surface and till into 5-inches of site soil. Install 3-inches woodchip mulch or as specified on plans. Scarification does not apply to lined facilities. Topsoil shall have a minimum organic matter content of 10% dry weight in planting beds, and 5% in turf areas and a pH from 6.0 to 8.0 or matching the pH of the original undisturbed soil.
7. 18" minimum bioretention soil media (BSM) to top of ponding depth.
8. See Std. Plan GSI-03a, b, and c for bioretention cross sections and Std. Plans GSI-05a and b for plan views.
9. See Std. Plan GSI-09a for curb cuts or Std. Plan GSI-10a for trench drain inlets.
10. For facilities with liners, provide liner anchor per manufacturer's recommendations, see Std. Plan GSI-03c.



<p>DCS PUBLIC WORKS</p> <p>NA TACOMA POWER</p>	<p>REVIEWED BY</p> <p><i>Gms</i> ENVIRONMENTAL SERVICES</p> <p>NA TACOMA WATER</p>
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APPROVED FOR PUBLICATION

[Signature]
CITY ENGINEER

4/7/14
DATE

**CITY OF TACOMA
BIORETENTION
TRANSITION ZONE SECTIONS**

STANDARD PLAN NO. GSI-04