**BIORETENTION SWALE W/ UNDERDRAIN**

- **Concrete Curb (Optional)**
- **Bioretention Soil, Compacted to 90% Density**
- **6' Min SSD, See Detail A. To Outfall Per City of Bellevue Engineering Standards**
- **Existing Ground (Varies)**
- **3' Depth of Mulch or Compost**
- **Liner or Soil Barrier, If Directed by Engineer (See Note 3'28F Compost)**
- **Bioretention Soil Mix (See Note 1)**
- **Gravel Backfill for Drains (See Note 1)**
- **Minimum 1' Depth to High Groundwater Table, Nov.—May.**

**W/O UNDERDRAIN**

- **Edge of Pavement**
- **Concrete Band or Gutter (Optional)**
- **Bioretention Soil, Compacted to 90% Density**
- **3' of Compost**
- **Minimum 1' Depth to High Groundwater Table, Nov.—May.**

**NOTES:**

1. See Chapter D6–04 Herein for All Materials.
2. Liner May Be Added in Field as Directed by Engineer.
3. Bottom Slope Less Than 8%. Install Check Dams or Weirs for Slopes Greater Than 2%.
4. Geotechnical Analysis and Storm Drainage Report Required Per Submittal Requirements, Chapter D2 Herein.

**DETAIL A – (SSD)**

**SLOTTED STORM DRAIN**

- **C of Slot Locations**
- **Solid Wall PVC SDR 35 Minimum, 6' Min. Dia.**

**NOTES:**

5. Slot Locations Are to Be 0.04"–0.069" Wide, (In 4 Rows On 45 Degree Centers) By 1.0" Long and Spaced 0.25" Apart.
6. See NDP Materials Chapter D6–04 for Other Underdrain Options.