**PROPRIETARY STORMWATER TREATMENT NOTES**

***Unless Otherwise Noted***

1. Inlet and outlet pipe shall be considered CB connections per Drainage CB and Inlet Notes.
2. Connections to all stormwater treatment product piping shall be with shielded flexible gasketed couplings per Specification 7-17.3(2)F. Couplings shall be manufactured by Indiana Seal, Joints Couplings, Romac, Smith-Blair, Mission, Fernco or approved equal.

FILTERRA

1. Filterra Catch Basins shall be installed as shown on the approved plan. Filterra Catch Basins shall be from Contech Engineered Solutions, Portland, OR (800-548-4667).
2. Inlet shaping, drain rock and mulch shall be as specified by the manufacturer. Manufacturer’s inlet shaping requirements shall be shown on the Drawings.
3. Filterra Catch Basins underdrain shall be 6” diameter MIN. Piping within the structure shall be straight. Outlet pipe shall discharge to a downstream bypass CB Type 240.
4. Filterra Catch Basins shall be planted with a tree or shrub as shown on the approved plan.

PERK FILTER CARTRIDGES

1. Perk Filter MHs, vaults or catch basins shall be installed as shown on the approved plan. Perk Filter shall be from Oldcastle Stormwater Solutions, Santa Rosa, California (800-579-8819).
2. Filter cartridges shall be made of durable, non-corrosive, reusable polymeric and stainless steel components with no moving parts. Filter cartridges shall be 12-inch with a flow rate of 6.8 gpm or 18-inch with a flow rate of 10.2 gpm. Cartridges may be stacked for increased treatment capacity in a vault or MH if shown on the approved plan. Filter media shall be a mixture of zeolite, perlite, and granular activated carbon (ZPC).
3. Perk Filter CBs shall be configured to provide pretreatment, treatment and high flow bypass in a single structure. Perk Filter CBs shall be reinforced concrete. The inlet shall be a vaned grate. Castings, covers and grates shall be ductile iron meeting the requirements of Specification 9-12.8(2).
4. Perk Filter MHs shall be per Specification Section 7-05. Ring and cover access for Perk Filter MH shall be per Standard Plan No. 230. Vault specifications shall be submitted to Seattle Public Utilities for approval case-by-case.