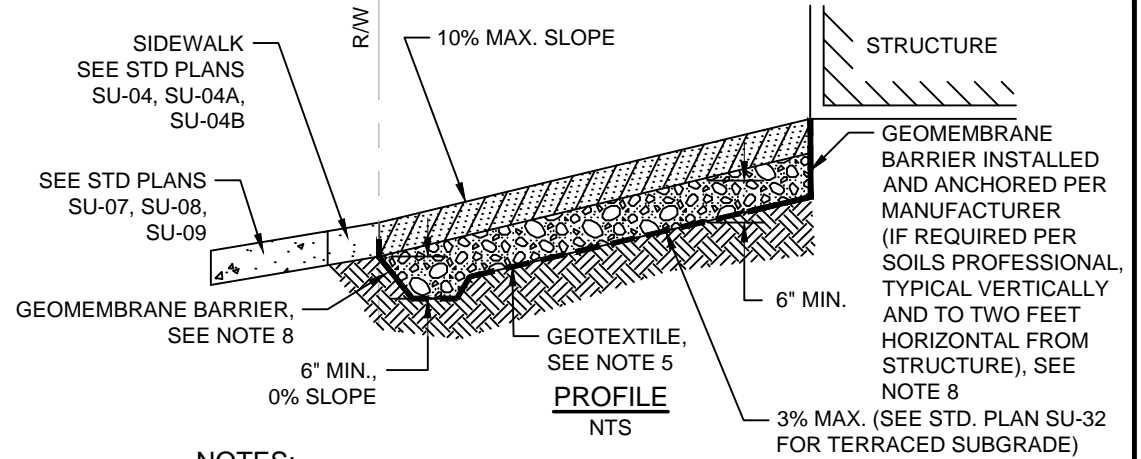
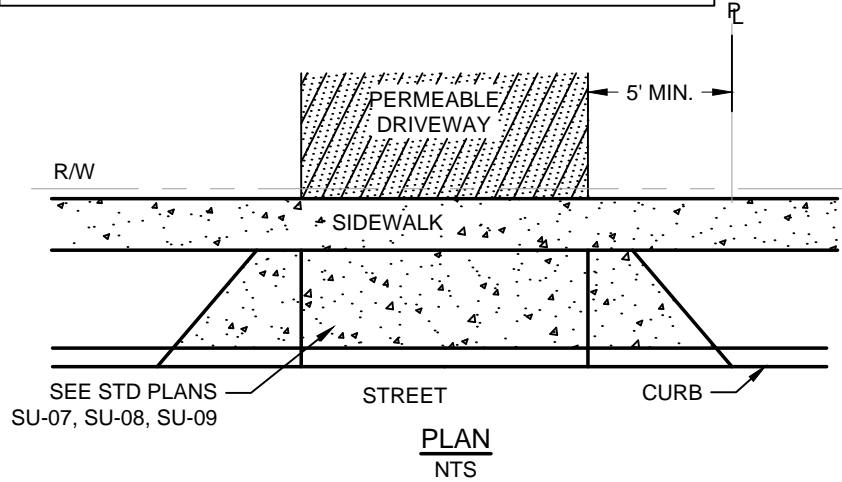
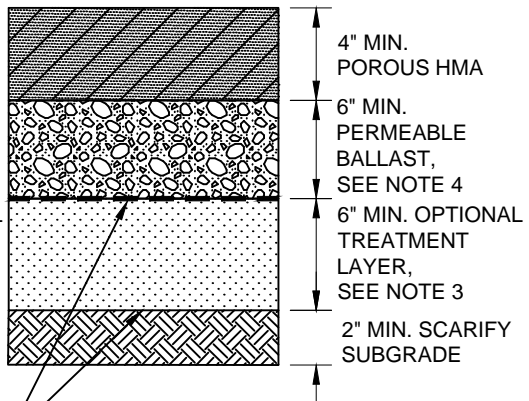
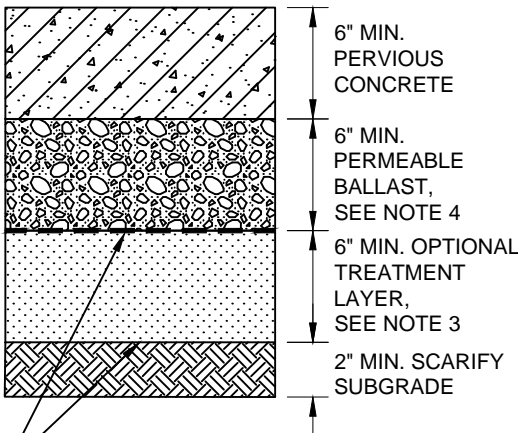


NOTE:
 This figure applicable to driveways that are flat or slope away from the structure. Additional design considerations are required when the driveway slopes toward the structure.



- NOTES:**
1. Permeable pavers may be allowed. Cross section shall meet manufacturer's recommendations and include an appropriate reservoir layer and scarification of subgrade per SWMM.
 2. Limit run-on to permeable pavement surfaces to the maximum extent practicable. Run-on shall only be allowed from fully stabilized areas.
 3. 6-inch minimum treatment layer of sand or media if required per SWMM.
 4. Thicker section of ballast may be required to establish sufficient reservoir capacity. Engineer to provide calculations per SWMM.
 5. Geotextile may be required between native soils and permeable pavement section, per soils professional recommendation. Geotextile will be required between permeable ballast and sand layer. Geotextile shall be geotextile for separation per WSDOT 9.33.2(1), woven, Table 3 and installed per WSDOT 2-12.3(1).
 6. Refer to SWMM BMP L633 for design criteria and soils suitability.
 7. Work within right-of-way shall be in compliance with the Right-of-Way Design Manual Chapter 4 Sections 5.4.1 for subgrade and APWA GSP 4-04.2 Gravel Base and 9-03.9(2) Permeable Ballast Opt1 and shall be installed per APWA GSP 4-04.3(5) Shaping and Compaction. It is recommended to follow Right-of-Way Design Manual and APWA GSP for work on private property.
 8. Permeable pavement surfacing shall meet APWA GSP 5-04.3 Construction Requirements Porous Asphalt (PHMA/PWMA) Acceptance Infiltration Test for porous asphalt or 5-06.3(6)A Infiltration Rate of the Placed Pavement for pervious concrete.
 9. Geomembrane barrier shall provide an impermeable barrier between standard and permeable section. It shall be installed below finished grade and per Std. Plan GSI-18. Geomembrane barrier seams shall overlap at least 18" or per manufacturer's recommendations. Geomembrane barrier shall extend the length of the permeable section when adjacent to standard pavement.



GEOTEXTILE REQUIRED BETWEEN PERMEABLE BALLAST AND SAND LAYER IF SAND LAYER UTILIZED. GEOTEXTILE MAY BE REQUIRED BETWEEN PERMEABLE BALLAST AND NATIVE SOILS, SEE NOTE 5

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