

L. Standard Details

Typical construction details for several SMPs, including all of PWD's highest-preference SMPs, such as bioinfiltration/bioretention basins, porous pavement, and green roof, and for SMP-related structures, such as cleanouts, observations wells, and outlet control structures, are available for download in AutoCAD (*.dwg) format in Appendix L. These Standard Details incorporate design specifications pursuant to each SMP's respective design and material requirements. The designer is encouraged, not required, to use them for PCSMP creation when possible.

- **Standard Details (ALL)** water.phila.gov/pool/files/pwd-stormwater-standard-details.zip
 - **Bioinfiltration/Bioretention Basin Standard Detail** water.phila.gov/pool/files/stormwater-details-bio-basin.dwg
 - **Cleanout Standard Detail** water.phila.gov/pool/files/stormwater-details-cleanout.dwg
 - **Cleanout in Right-of-Way Standard Detail** water.phila.gov/pool/files/cleanout-in-right-of-way-standard-detail.dwg
 - **Double Manhole Outlet Control Structure Standard Detail** water.phila.gov/pool/files/double-manhole-outlet-control-structure-standard-detail.dwg
 - **Green Roof Standard Detail** water.phila.gov/pool/files/stormwater-details-green-roof.dwg
 - **Observation Well Standard Detail** water.phila.gov/pool/files/observation-well-standard-detail.dwg
 - **Porous Pavement Standard Detail** water.phila.gov/pool/files/porous-pavement-standard-detail.dwg
 - **Riser Outlet Control Structure Standard Detail** water.phila.gov/pool/files/riser-outlet-control-structure-standard-detail.dwg
 - **Subsurface Infiltration Basin (Pipe in Stone) Standard Detail** water.phila.gov/pool/files/stormwater-details-subsurface-infiltration-basin.dwg
 - **Terraced Porous Pavement Standard Detail** water.phila.gov/pool/files/terraced-porous-pavement-standard-detail.dwg
 - **Trap with Fresh Air Inlet Standard Detail** water.phila.gov/pool/files/trap-with-fai-standard-detail.dwg
 - **Underdrain Connection Standard Detail** water.phila.gov/pool/files/underdrain-connection-standard-detail.dwg
 - **Underdrain Orifice Standard Detail** water.phila.gov/pool/files/underdrain-orifice-standard-detail.dwg