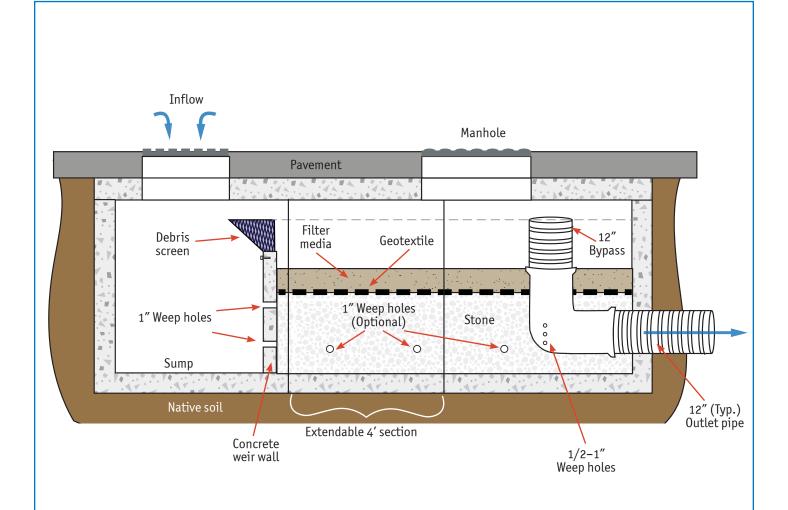


## **Generic Sectional Media Box Filter Design Detail**



## **Notes**

- 1. Media box filters may replace deep sump catch basins to enhance water quality treatment.
- 2. Generally sized to treat 0.25 acre of impervious cover, the system may be expanded to treat larger areas with the addition of 4-foot sections in the middle to increase the filter media area.
- 3. The system may be lined if infiltration is not suitable, or weep holes may be added to facilitate infiltration if appropriate.
- 4. Filter media mixes may vary but should be comprised of sandy soils with high conductivity. Amendments may be added to enhance water quality treatment.
- 5. Depth of soil may vary between 6 and 12 inches as most filtration occurs at the surface.
- To facilitate annual maintenance and/or filter media replacement, a woven textile may be added between filter media and stone reservoir.