

# Design Guidance and Permitting Requirements

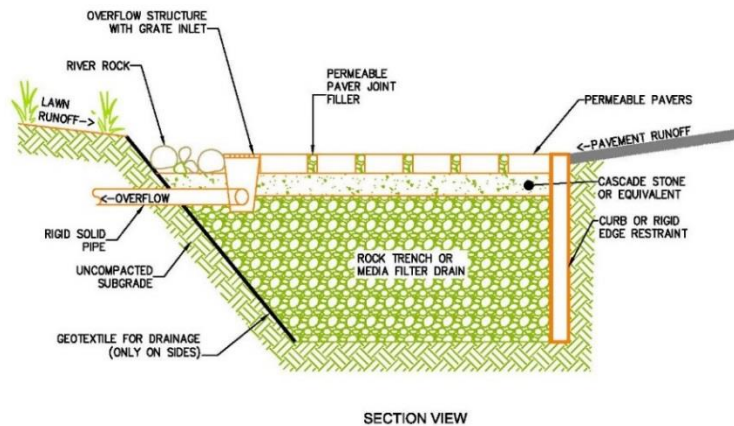
## Permeable Pavement

### DESCRIPTION

Permeable pavement provides surface stabilization and protection for infiltration trenches and drywells. In some cases, under the right conditions, this component may also be installed above Media Filter Drain (MFD) trenches.

### METHOD OF PHOSPHORUS REDUCTION

Permeable pavement does not directly reduce the amount of phosphorus in runoff. This component protects the phosphorus-reducing capacity of the underlying infiltration or treatment facility.



### CONSTRUCTION METHOD/ CRITICAL PATH

1. Install primary BMP
2. Install edge restraints (optional)
3. Place #2 stone over BMP surface
4. Place #8 stone ("Cascade Stone") to final depth
5. Install spaced pavers or proprietary permeable pavement material
6. Install clean pea gravel or manufacturer's recommended product in paver gaps.

**DO NOT USE SAND.**



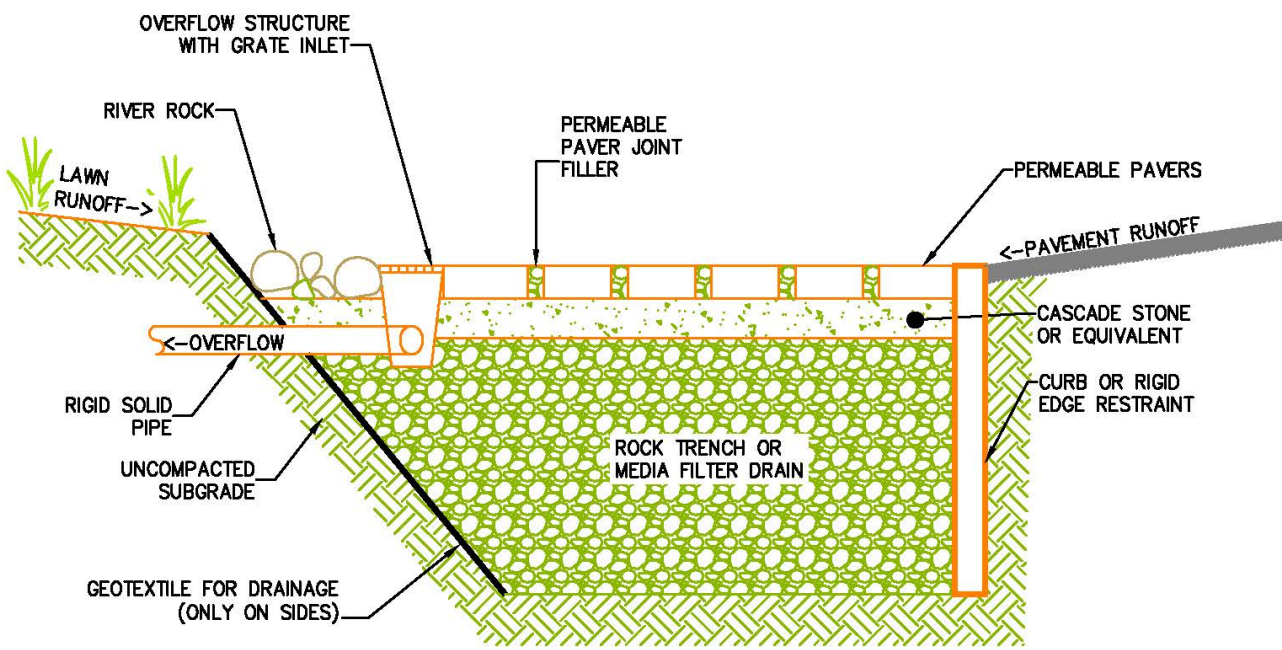
### MATERIAL REQUIREMENTS

- All proprietary pavements must be installed and maintained per manufacturer's recommendations based on anticipated use.
- All non-proprietary individual pavers must be less than 2 square feet with greater than 1/2 inch gaps between pavers.
- Special considerations apply near creeks or the Lake Whatcom shoreline. Consult with HIP Coordinator prior to selecting materials

### MATERIAL EXAMPLES



Note: This design methodology is applicable for HIP projects only. These methods may not be suitable for, and have not been evaluated for, compliance with regulations which require professional engineering.



SECTION VIEW