

Precast concrete curb set 7 mm ($\frac{1}{4}$ ") below top of pavers. Alternates include cast in place concrete, plastic or aluminum edging (geogrid reinforced).

Maintain typical joint width adjacent to curb.

Water flows through the Joint Material (ASTM No. 8, 89 or 9 Stone, or equivalent) between the pavers

Concrete Permeable Pavers

Stabilize adjacent with vegetative cover

Extend aggregate base minimum 150 mm (6") beyond curb or edging.

Minimum 75mm (3") ASTM #57 material between pipe and ASTM #2 stone

Bedding Layer (ASTM No. 8 Stone, or equivalent). 50mm (2") thick.

Base Layer (ASTM No.57 Stone, or equivalent). 100mm (4") thick.

Subbase Layer (ASTM No.2 Stone, or equivalent). Minimum 150mm (6") thick (design for soil strength and hydraulic storage requirements).

OPTIONAL geotextile separation fabric around Base and Subbase Layers. Minimum 300mm (12") overlap between panels.

OPTIONAL Emergency Discharge Pipe. Diameter based on hydraulic design. Connect outlet to storm sewer or daylight to surface feature.

Permeable native soil subgrade. DO NOT compact unless infiltration rate reduction is accounted for in the hydraulic design calculations.



This graphic represents a preliminary, non site-specific design. If used for construction, a registered professional engineer must be retained to review & approve the design, confirm site conditions, and inspect construction.

Vehicular Permeable Paver Application Full-Exfiltration System