Design Notes:
1. Depth of subbase subject to site specific hydraulic and structural requirements. Contact Belgard Commercial for design assistance.
2. Paver dimensions subject to aspect and plan ratio requirements based on traffic loading.
3. The need for a non-woven protective geotextile on top of the liner is subject to site conditions and the recommendations of the Project Engineer and liner manufacturer.
4. ASTM No. 2 stone may be substituted with No. 3 or No. 4 stone.
5. Strictly pedestrian applications may substitute base/subbase layers with one 6" base layer of ASTM No. 57 stone.

Subgrade. Prepare according to recommendations in geotechnical report.

30 mil PVC Liner cut flush with top of pavers

Surface Water Flows through the No. 8, 89 or 9 stone jointing material between the pavers

Belgard Permeable Pavers
3 1/8"(80mm) thick

Bedding Layer,
2" ASTM No. 8 Stone

Base Layer,
4" ASTM No. 57 Stone

Subbase Layer,
Minimum 6" ASTM No. 2 Stone

Perforated Discharge Pipe(s) with minimum 3" No. 57 aggregate surround. Connect outlet to storm sewer or daylight to surface feature.

Subbase extends beyond curb to provide working platform for installation.

2 x #4 Rebar

Base Layer,
Min. 3" ASTM No. 57 Stone

Typical slope 1%

Min 6"

Min 12"

30 mil PVC liner installed per manufacturer's recommendations.

Subgrade. Prepare according to recommendations in geotechnical report.

This drawing is for illustrative purposes only and should not be used for construction without the signature of a registered professional engineer.

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Belgard Permeable Paving Detail
PICP Pavement w/ Impermeable Liner

Scale: N.T.S.
Drawn by: MAH
Date: 4/17/18
Drawing number: PICP_11