HIGH WATER TABLE

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

4 to 6 in. (100 to 150mm) Dia. Perforated PVC Pipe with Flush Brass Cleanout Cap at top of 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

Insert pipe 4 to 6 in. (100 to 150mm) into soil subgrade

Subgrade. Prepare according to recommendations in geotechnical report.

Geotextile cut flush with top of pavers

Cast in place concrete curb per local standards. 6" wide minimum.

2 x #4 Rebar

Min 6" Base Layer, Min. 3" ASTM No. 57 Stone

Min 24" Geotextile Filtration Fabric on bottom and sides of open graded base if required by the design engineer.

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. Geotechnical engineer needs to balance structural stability and soil infiltration when recommending subgrade conditions.
4. Where the filtration geotextile is used, verify with the manufacturer that the material is not subject to clogging and meets requirements of AASHTO M-288.
5. ASTM No. 2 stone may be substituted with No. 3 or No. 4 stone.
6. Drain pipes may be required within the aggregate base depending on the permeability of the subgrade soils. Verify drainage needs with the geotechnical engineer. Ensure drain pipes are able to daylight via gravity flow to surface, or connect to catch basin.
7. Observation Port shall be located at lowest subgrade elevation to monitor water level and infiltration rate.
8. Observation Ports should be fitted with a Flush Brass Cleanout Cap.
9. Observation Port shall be located in a low traffic area outside of wheel paths.
10. Strictly pedestrian applications may substitute base/subbase layers with one 6" base layer of ASTM No. 57 stone.