Belgard Concrete Pavers
Compacted Subgrade, prepare according to recommendations in geotechnical report.

Compacted Aggregate Base - minimum 6" thick. Asphalt or cement treatment base can be used over weak or saturated subgrade soils.

1" Bedding Layer, conforms to ASTM C33 with <1% passing 0.080 mm

Mirafi 160N Nonwoven Filtration Fabric on entire bottom of aggregate base (extends beyond curb); optional if sub-base of #2 is used as a drainage layer.

Jointing Sand, Conforms to ASTM C144

Cast-in-Place Concrete Curb per local standards

Soil with vegetative cover

Mirafi 160N Nonwoven Filtration Fabric - 12" wide at all perimeters, turn up against curb and cut even with the top of pavers

Min. 2% slope to drainage feature

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Top of installed pavers shall be 1/8" to 1/4" above adjacent rigid surfaces

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Design Notes:
1. Cross section as shown is suitable for pedestrian and vehicular applications. Paver dimensions subject to aspect and plan ratio requirements. Contact Belgard Commercial for product selection guidance based on the intended traffic loading.
2. Depth of aggregate base subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions). Contact Belgard Commercial for design assistance.
3. 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.
4. Ensure the geotextile above the drain hole has good drainage characteristics and is not prone to clogging.
5. Techniseal HP Nextgel jointing sand conforming to ASTM C144 may be used in pedestrian and light vehicular applications. Please contact Belgard Commercial for design assistance.