Minimum 2% slope to drainage feature

4" min. Compacted drainage aggregate base, (designed by others)

Cast in place concrete curb per local standards

½" Expansion Joint (as required)

Mirafi 160N Nonwoven Filtration Fabric - 12" wide, over expansion joint

Jointing Sand, Conforms to ASTM C144

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

6" min. Concrete Slab (designed by others)

Soil with vegetative cover

½" Expansion Joint (as required)

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

6" min. Concrete Slab (designed by others)

Compact Subgrade, prepare according to recommendations in geotechnical report.

Belgard Concrete Pavers

Mirafi 160N Nonwoven Filtration Fabric - 12" wide

Drain hole – 2" diameter, fill with pea gravel and cover with geotextile. Place at 24" on center along low end of border(s).

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. Additional drain holes may be required depending on the size of the pavement area. The rule of thumb is to have at least one drain hole per 500 square feet of surface area. Storm drains should be used at low spots.
4. 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.
5. Ensure the geotextile above the drain hole has good drainage characteristics and is not prone to clogging.
6. 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.

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