Minimum 2% slope to drainage feature

Design Notes:
1. Cross section as shown is suitable for pedestrian or commercial plaza use only. Paver dimensions subject to aspect and plan ratio requirements (an increased thickness is required where traffic loading such as maintenance or emergency vehicles exist).
2. Depth of base, and thickness of concrete slab, subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions).
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.

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

Belgard Standard Paving Detail
Plaza Sand Set on Concrete Base