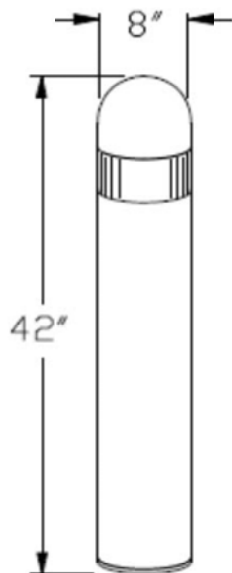
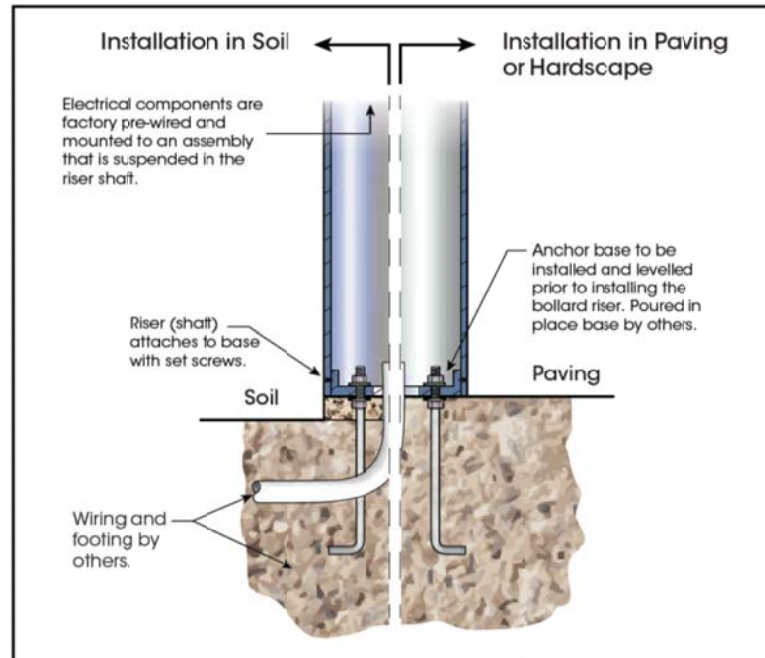


## BOLLARD INSTALLATION

### Aluminum Bollards

The primary objectives when detailing aluminum bollard installations are twofold: Avoid direct contact with soil, and avoid standing water when installed in paving. In soil, the concrete footing should be raised about 2" above grade. In paving, the footing can be flush with the finished surface, but not in a low point where water can collect. These details are recommended for maximum longevity of the product.



Anchor bolts and template shown Base plate show post template and bolt installations