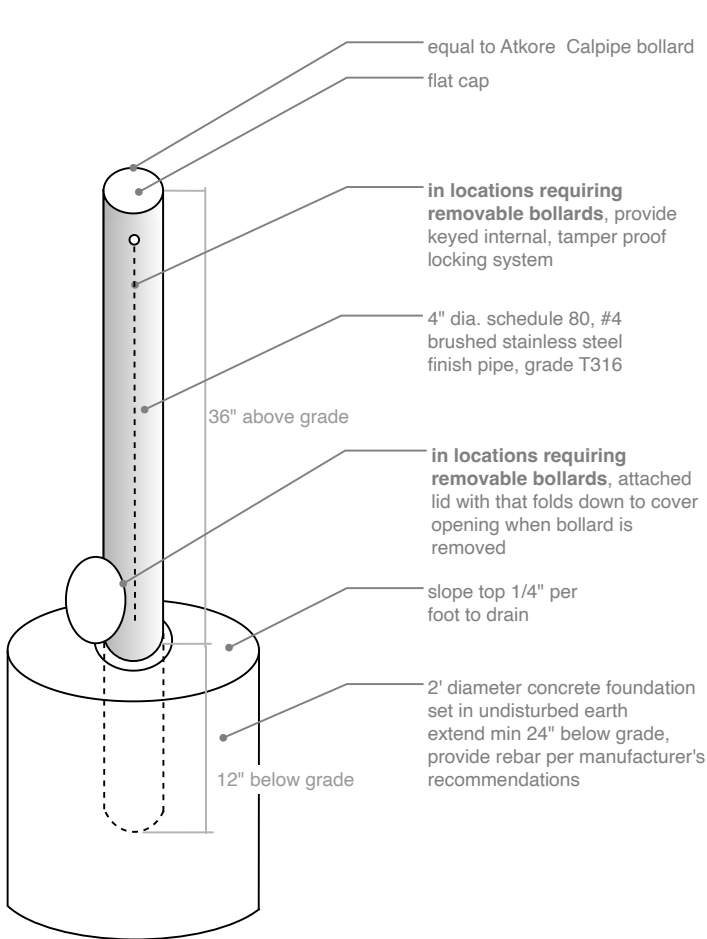
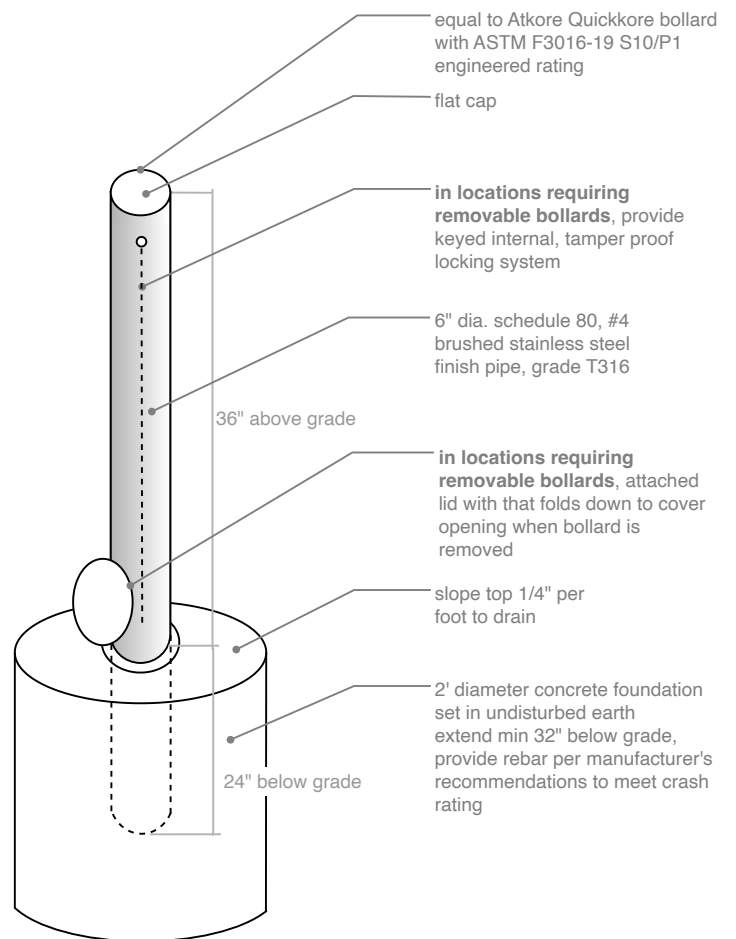


Design Guidelines  
**Division 32 Exterior Improvements**  
**Bollard**

- Determine level of security needed for proposed location. Discuss with safety department.
- Consider providing removable bollards to assist with snow removal.
- Consider non-removable around exposed ground mounted electrical and mechanical equipment.
- Determine where bollards need to be removable.
- Spacing shall be provided to allow a golf cart to pass through, but not allow a car to pass through.
- Any deviations from Missouri State University's Design Guidelines should be approved with the project manager.



**Typical Bollard**  
 (non-removable or removable)



**Crash Rated Bollard**  
 (non-removable or removable)