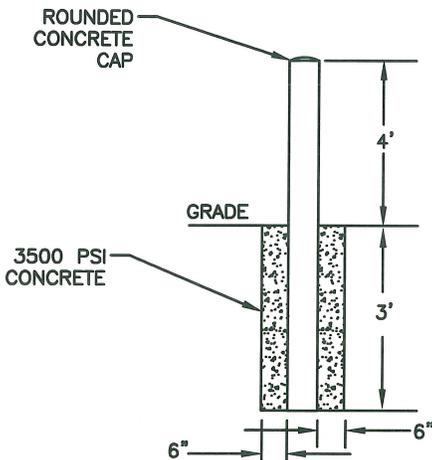
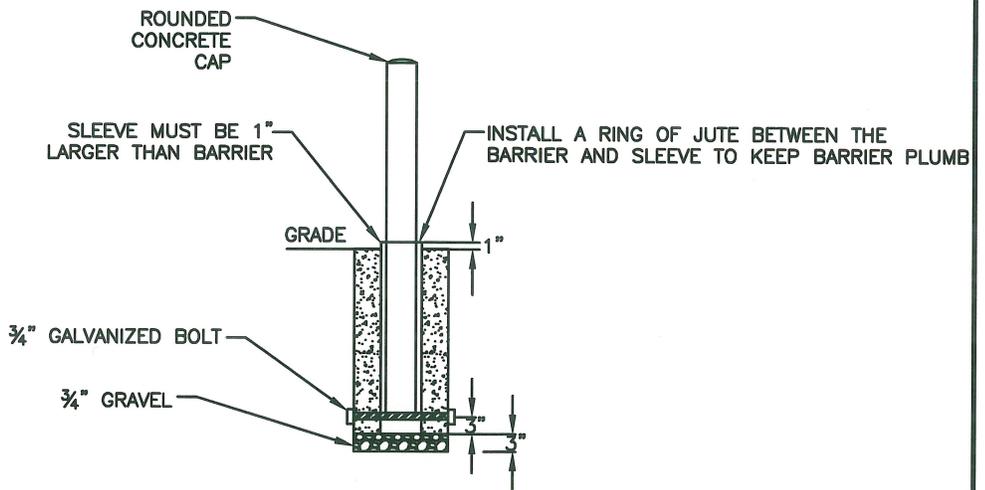


STANDARD BOLLARD



REMOVABLE BOLLARD



NOTES:

1. CAUTION MUST BE TAKEN WHEN INSTALLING BARRIER POSTS TO AVOID CONTACTING ANY EXISTING UNDERGROUND UTILITIES.
2. INSTALL 4" DIAMETER GALVANIZED STEEL PIPE WITH A MINIMUM 1/4" WALL. 6" PIPE MAY BE REQUESTED IN CERTAIN HIGH-TRAFFIC AREAS AT DISCRETION OF C.O.B. ELECTRIC INSPECTOR.
3. PIPE TO BE COMPLETELY FILLED WITH 3500 PSI CONCRETE. CONCRETE MUST BE MIXED AND VIBRATED TO ELIMINATE AIR POCKETS. TOP OF PIPE MUST HAVE A ROUNDED CONCRETE TOP FOR DRAINAGE PURPOSES.
4. A REMOVABLE BARRIER MAY BE REQUIRED IN FRONT OF EQUIPMENT DOORS AT C.O.B. ELECTRIC INSPECTOR'S DISCRETION. A BELOW-GRADE SLEEVE MUST BE INSTALLED THAT IS 1" LARGER IN DIAMETER THAN BARRIER. THIS SLEEVE MUST ALSO BE GALVANIZED STEEL PIPE WITH A MINIMUM 1/4" WALL. A 3" GRAVEL BED MUST BE INSTALLED FOR DRAINAGE PURPOSES.
5. BARRIERS SHALL BE INSTALLED A MINIMUM OF 24" AWAY FROM EQUIPMENT PAD. FINAL SEPARATION DISTANCE MUST BE CONFIRMED WITH C.O.B. ELECTRIC INSPECTOR PRIOR TO INSTALLATION.
6. BARRIERS SHALL BE SPACED AROUND THE EQUIPMENT PAD WITH A MAXIMUM OF 54" DISTANCE BETWEEN BARRIER CENTERS. FINAL SEPARATION DISTANCE MUST BE CONFIRMED WITH C.O.B. ELECTRIC INSPECTOR PRIOR TO INSTALLATION.
7. BARRIERS SHALL NOT BE INSTALLED CLOSER THAN 36" FROM OTHER ABOVE-GROUND OBSTRUCTIONS.
8. BARRIERS PROTECTING SWITCHGEAR SHALL BE INSTALLED A MINIMUM OF 36" AWAY FROM SWITCHGEAR. SWITCHGEAR BARRIER REQUIREMENTS MUST BE CONFIRMED WITH BUILDING ELECTRICAL INSPECTOR (NOT AFFILIATED WITH C.O.B. ELECTRIC UTILITY).
9. BARRIER TOPS MUST BE INSTALLED PLUMB AND LEVEL WITH EACH OTHER WHEN MULTIPLE BARRIERS ARE BEING INSTALLED.
10. BARRIERS MUST BE COATED WITH WEATHER-RESISTANT REFLECTIVE SAFETY YELLOW PAINT.



REVISED: 03/30/2011

APPROVED: *R.E. Coy 10-31-11*

STANDARD DRAWINGS

PROTECTIVE BARRIERS  
FOR C.O.B. EQUIPMENT

**SD**

**600-06**