

## BOLLARD PROTECTION MEASURES

ELECTRICAL EQUIPMENT REQUIRES CLEARANCE OR SETBACK ON ALL SIDES FROM VEHICULAR TRAFFIC. THIS INCLUDES DRIVEWAYS, ALLEYS, PARKING LOTS, ETC. PROTECTION SUCH AS BOLLARDS WILL BE INSTALLED AT THE DEVELOPER/OWNER'S EXPENSE.

### BOLLARD POSITIONS AND CRITERIA

- 10' CLEAR ZONE IN FRONT OF ALL EQUIPMENT DOORS
- 6" MINIMUM DISTANCE FROM THE CONCRETE PAD
- 3' MINIMUM DEPTH

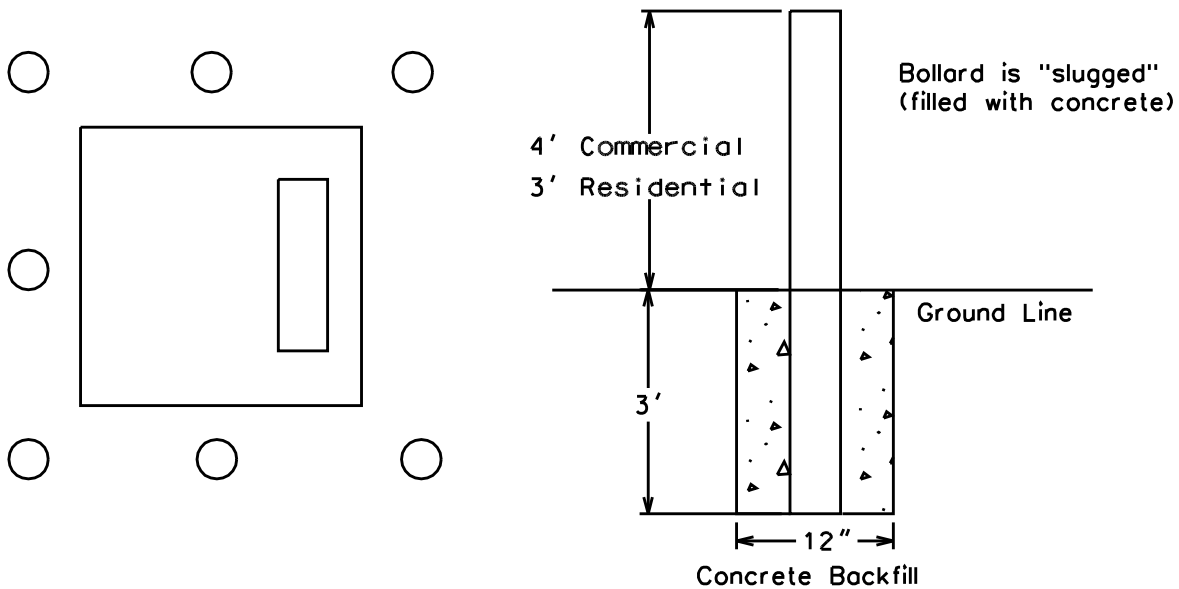
#### RESIDENTIAL


- 4" MINIMUM DIAMETER
- 3' MINIMUM HEIGHT

#### COMMERCIAL

- 6" MINIMUM DIAMETER
- 4' MINIMUM HEIGHT

QUANTITY AND LOCATION OF BOLLARDS REQUIRED IS SUBJECT TO SITE CONDITIONS AND SHOULD BE DISCUSSED WITH LPC ENGINEERING.



	BOLLARD INSTALLATION		
	REV. 3	700-18	SCALE: NA
POWER & COMMUNICATIONS	DATE: 10/06	DRAWN BY: PJ/JH	APPROVAL: