**NOTES:**

1. Upslope side of foundation for pole with breakaway feature shall be flush with grade if pole is exposed to traffic.

2. Minimum depth to be as follows (see TC-21.20 Note 1 for minimum soil parameters)
   - 6' for poles having a support height of less than 45'.
   - 8' for poles having a support height 45' thru 49'.
   - 9' for poles having a support height 49' thru 50'.
   - 10' for poles having a support height of 50' thru 65'.

   Longitudinal reinforcement consists of quantity 6 31/4' vertical bars extending to within 6' to 8' from the face and bottom of concrete, evenly spaced within the hoops.

   Circumferential reinforcement consists of 1/2' diameter tie bars for 6' depth
   - 4 No. 4 diameter tie bars for 6' depth
   - 5 No. 4 tie bars for 8' depth
   - 6 No. 4 tie bars for 10' depth

   Footers to clear conduits.

   Minimum concrete cover for reinforcement in is 3", per ACI 318 Section 7.7.

3. Grounding conductor shall be 4 AWG insulated copper. Exothermically weld cable to ground rod, run free and through ¼" Sch 40 PVC and connect as shown on Standard Construction Drawing (SCD) H-60.11. Use two coats of insulating varnish over exothermic weld and exposed conductor.

4. For anchor bolt data see SCD HL-10.13, Pole Base Details.

5. Where 2" or 3" diameter conduit terminates in a foundation, the conduit above the foundation shall be the same as the conduit. The ends of the conduit above containing distribution cable shall be sealed as described in CMS 625.12. When the terminating conduit is steel, the conduit above the pole foundations shall also be steel. At the last light pole on a circuit, the vacant conduit elbow in the light pole foundation shall also be steel. Where the terminating conduit elbows containing distribution cable shall be closed by steel. The ends of the conduit above the light pole foundation shall be stubbed out and capped.

6. Reinforcing steel may be assembled in cages by approved welding of bars. Subject to approval of the Engineer, cages may be assembled in a spiral configuration.

7. Squeezed section in top 6" of foundation is required only when foundation is in tree lawn or contiguous to or in paved surround.