Typical Foundation Conduit Details

1. If actual subsurface conditions differ significantly from boring data contact the Engineer before excavating or placing concrete.

2. Circular tie reinforcing ribs may be vertically adjusted by 1/2" at a beam between 2'-0" and 3'-0" to facilitate the installation of electrical conduit entering in the cage.

3. For standard foundations, see sheet Sig. M8 for details. Vertical reinforcing bars shall also be placed as shown for the installation of electrical conduit entering into the cage.

4. Provide 2" to 5" foundation projection above ground level depending on the ground slope.

5. Unless otherwise shown, foundation designs are based on non-sloping level ground surfaces with slope ratios of 1:8 (H:V) or flatter. If actual ground line slopes are steeper contact the Engineer before excavating or placing concrete.


7. Use air entrained AA concrete mix with a compression strength of 4000 psi (min.) after 28 days.

8. Use ASTM A615 grade 60 deformed bars for all reinforcing steel. Maintain at least 3" cover on all reinforcement.

9. Locate the Identification Tag on the top of the base plate, directly above the conduit’s entry point.

10. Provide two layers of galvanized welded 23 gauge (0.25) 8" wide 4 mesh wire around pipes under the base plate and secure it with ties if necessary.

11. Preferred location for the I.D. Tag is as shown in detail-A directly above the conduit entering the foundation.

Typical "C" Bar Detail

Concrete Foundation Identification Tag Details

- **Identification Tag**: Located on the top of the base plate, directly above the conduit's entry point.
- **Identification Tag**: Contains information such as year, design, and material properties.
- **Wire Mesh**: Securing the Identification Tag to ensure its visibility and integrity.
- **Clamp or Tie**: Used to secure the wire mesh to the base plate.