The depth of concrete below ground is shown as 12" in this report.
The angle of repose of the soil is 30°.
The soil density is 78 lb/ft³.
The stud angle and grillage foundation are in good condition and have not corroded or been damaged.

Assumptions:

- Removing the bottom arm. This modification has increased foundation loads from the original condition.
- Tower 30 has been modified by adding post insulators to the top arm, moving all three phases on both circuits up, and different from what is assumed.
- Tower may be degraded due to the slab angle and grillage plates due to age or other factors of the soil properties may be shown in the pictures and below the ground for all materials and steel in the illustration. This concrete can be seen around the ground line of each leg. Some time after initial construction, the foundation consists of a reinforced concrete with a slab angle and a grillage plate at the bottom.
- The original drawings indicate a typical 6 stud/grillage foundation.
- Broken wires are for any two wires broken with 1.0 OLF.
- G951 earth case above 1.5 OLF.

Notes:

- The profile views of the tower foundations (pages 5-6) show foundation depth information.
- The plan view of the site (page 4) shows the limits of future soil disturbance.
- Performed. The maximum uplift loads from the PLSTOWER analysis can be found in the conclusion.
- This report is based on the in-situ conditions prior to any soil removal and replacement.

Summary
Concrete is a cap only and does not extend to the bottom of the foundation.

Values shown on this page are estimates based on photos taken with no measurements.

Notes:

Girder plate

Tower 30 - Profile View of Foundation
of the concrete cap unless an engineered solution is obtained for that excavation. The depth of the concrete cap may vary from what is shown in this report. Do not excavate below the bottom tower leg interaction with the ground unless an engineered solution is obtained for that ground disturbance.

It is the opinion of ASE&C that no ground disturbance should occur inside of a 13' radius of the point where the

General Site Instructions for Additional Soil Disturbance

- Maximum uplift loads for the broken wire case (2 conductors broken) is 7,450 lb with 1.0 OLF.
- Maximum uplift loads for the intact loading case is 5,160 lb with 1.5 OLF and 3,490 lb with 1.0 OLF.

Tower 32

- Report all increased foundation loads from the original conditions.
- Figures indicate that for the top two conductors have been raised and amus have been removed from this post insulators. This
- Maximum uplift loads for the broken wire case (2 conductor broken) is 12,850 lb with 1.0 OLF.
- Maximum uplift loads for the intact loading case is 6,840 lb with 1.5 OLF and 4,560 lb with 1.0 OLF.

Tower 30

Conclusion