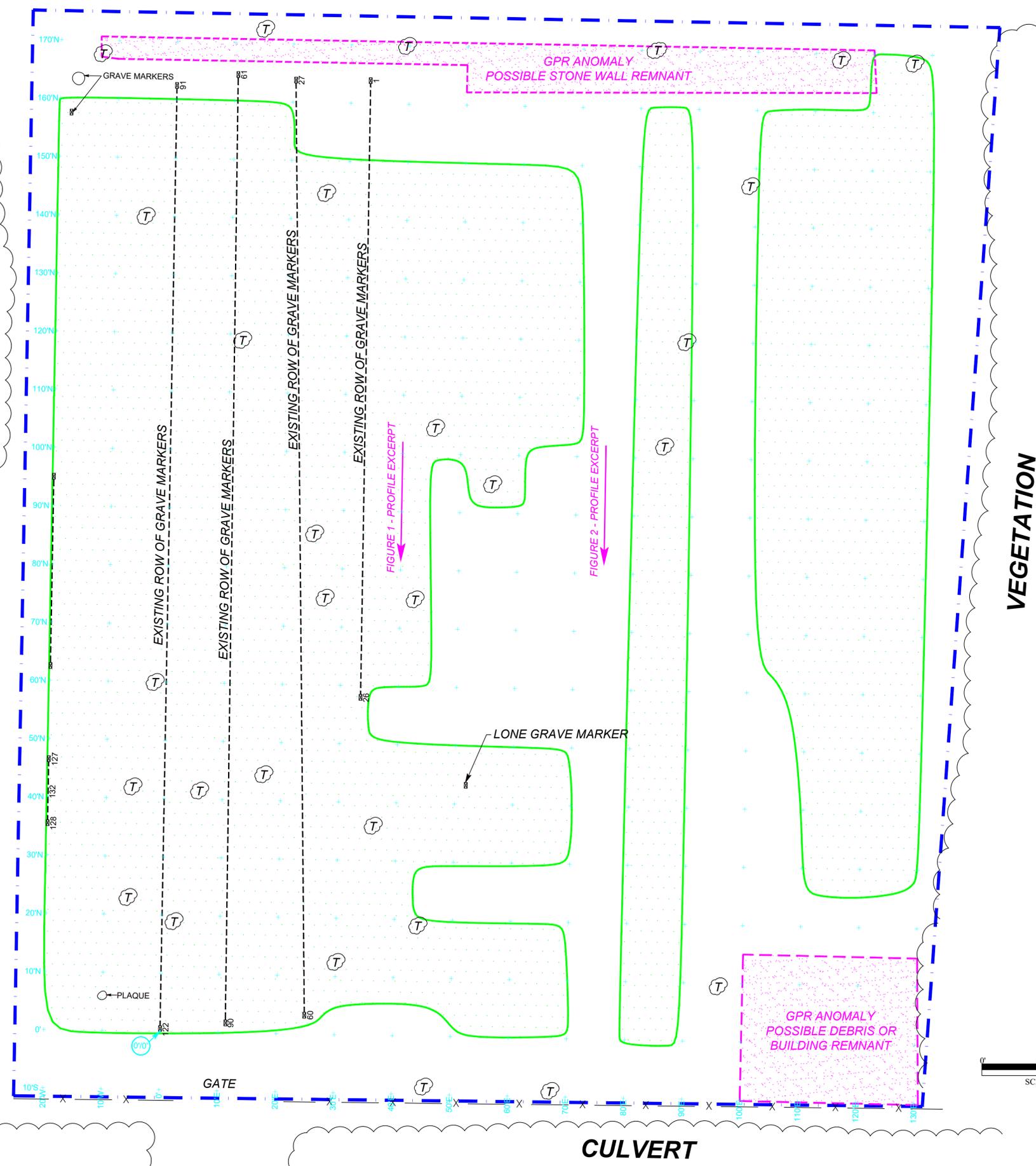


WOODS



VEGETATION

**FINDINGS**

No GPR data signatures indicative of intact burials were detected in areas with marked graves or in areas suspected to contain unmarked graves. GGI believes due to the type of soil and the age of the burials (1850-1918) in the cemetery, the graves have undergone natural disintegration to the point where the ability to delineate the presence and location of individual graves with GPR has passed.

**Disturbed Subsoil - Potential Grave Locations**

Three large areas of disturbed subsoil, indicating a previously excavated area and by inference, an area likely containing graves were delineated with GPR. The total area of disturbed subsoil was approximately 18,000 sqft or 60% of the specified search area. The area comprising marked graves is approximately 7,000 sqft. Therefore, approximately 11,000 sqft of the delineated area of disturbed subsoil could presumably be associated with unmarked graves.

Assuming the current location of the 132 marked graves are truly representative of the individual plot size, and that individual plot size was consistent and maintained through all the cemetery interments, it can be deduced that the GPR-detected areas of disturbed subsoil could account for an estimated 207 unmarked graves.

In several small sections of the GPR-detected areas of disturbed subsoil, a definable pattern indicative of grave shafts or soil imprints, likely representing disintegrated graves, were detected (refer to Figure 1 of the accompanying report). Figure 2 of the accompanying report is a representative GPR data profile of an undisturbed area within the cemetery for comparison.

**Non-Burial Anomalies**

Two subsurface anomalies were detected by GPR that appear to be non-burial related. A shallow feature was detected extending along the northern edge of the cemetery. GGI suspects this feature could be a remnant of a stone wall which likely enclosed the northern boundary of the cemetery. Also, an approximately 25' x 30' anomalous area at the SE corner of the cemetery was delineated by GPR. The data exhibited in this area was indicative of buried debris or a possible building remnant.

The estimated maximum GPR signal penetration achieved at this site is approximately 5' below grade. Thus, features existing at or below this depth will go undetected.

The accessible sections of the search area, as shown, were investigated by Geo-Graf, Inc. (GGI) using Ground Penetrating Radar (GPR) nonintrusive geophysical subsurface techniques in an attempt to delineate presence and location of individual (marked or unmarked) graves within the cemetery, as well as, determine the extent and/or boundaries of the cemetery.

Services, data interpretation, and investigation findings provided by Geo-Graf, Inc., shall be performed with our best professional effort. The detectability and location accuracy of underground features; as well as, the geophysical instruments' signal penetration depths are dependent upon the electrical properties and site-specific characteristics of the ground, soils, and/or materials scanned. Thus, the resulting data interpretations and investigation findings provided by Geo-Graf, Inc. are opinions based on inference from the acquired geophysical data and should be considered for "Informational Purposes Only" unless said data is properly verified via ground-truthing or other intrusive efforts, and is reviewed and sealed by a licensed professional engineer (PE). Geo-Graf, Inc., cannot and does not guarantee the desired signal penetration depth or accuracy/correctness of our interpretations and investigation findings. The lack of detected subsurface features or targets-of-concern within an investigated area does not preclude the possibility that these features exist and have gone undetected. Geo-Graf, Inc., will not accept liability or responsibility for any losses, damages or expenses that may be incurred or sustained by any services, data interpretations or investigation findings provided by Geo-Graf, Inc.

- = GPR-DETECTED INDIVIDUAL GRAVE SIGNATURE
- = GPR-DETECTED SUBSOIL DISTURBANCE
- = GPR-DETECTED SUBSURFACE ANOMALY
- = GGI INVESTIGATED AREA
- = GGI REFERENCE GRID
- = TREE

<p>Ground Penetrating Radar Specialists</p> <p>West Chester, PA <a href="http://www.geo-graf.com">www.geo-graf.com</a></p>	<p><b>SUBSURFACE ANOMALY MAP</b></p> <p>GEOPHYSICAL INVESTIGATION FINDINGS          OLD COUNTY POORHOUSE CEMETERY          TOWN OF GENESEO, LIVINGSTON COUNTY, NY</p>		
	<p>PREPARED FOR: LIVINGSTON COUNTY HISTORIAN</p>	<p>DATE: SEPTEMBER 27, 2023</p>	<p>SCALE: 1" = 10'</p>