



Job Summary

Job Date : 5/21/2021

Customer	INTEGRATED SCIENCE AND TECHNOLOGY INC	Phone Number	(912) 978-2124
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Billing Address	City	State	Zip
15 PRIORY CLUB DRIVE NW	CARTERSVILLE	GA	30120

Job Details

Jobsite Location	624 FRIENDSHIP RD
City	SYLVANIA
State	GA

WA Number	268362
Job Num	1521.2102
PO Num	

Lead Technician	GOFF, SKYLER	Phone	404-309-6297	Email	skyler.goff@gprsinc.com
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Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS technician on this project.

EQUIPMENT USED

The following equipment was used on this project:

- Underground Scanning GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.
- Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.

Work Performed

Ground Penetrating Radar Systems performed the following work on this project:

Underground Utility

The scope of work included scanning the specified area to locate underground utilities. A tracer signal was sent along any accessible metallic utility or tracer wire, and the area was scanned with GPR to locate any additional targets. The locations of any detected utilities and anomalies were marked directly at the site with paint, flags, stakes, or other appropriate means, and results were reviewed with onsite personnel unless otherwise noted.

- The total area scanned was approximately 1.2 acres.
- Use GPR and EM pipe locator to form a grid like scan to locate known and unknown utilities running through the scope of work. All findings to be marked on the surface using paint and given depths where available. Scanning with GPR does not guarantee that all utilities have been found due to changes in soil conditions which can obscure the data. GPR cannot collect data within 4' of walls or other surface obstructions such as as curbs or bushes, etc. Data cannot be retrieved from locations with uneven surfaces. The client is informed to stay 1.5' away from all markings and within the scan boundaries, when digging. If a utility is unable to be accessed or does not produce a signal it will be marked on site at the surface feature as "no signal" or "no access".



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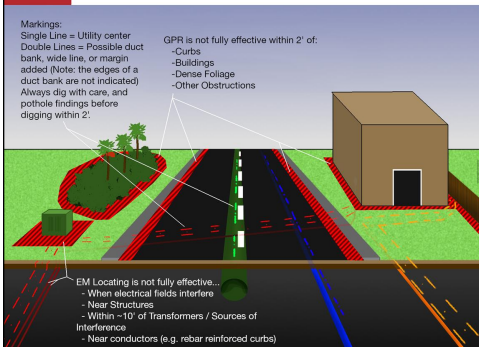
- The effective depth of GPR will vary throughout a site depending on surface and soil conditions. In this area, the maximum effective GPR depth was approximately 5 feet.
- Scanned and located several utilities within the scan boundaries established on pg 2 of the proposal. All findings were spray painted, flagged, and mapped. Some data was unable to be collected due to uneven surfaces or depth restrictions. Client is advised to stay off all of the markings by at least 1-2ft.

Pictures



Common Utility Locating Limitations

There are many limitations to locating utilities, due to a variety of factors, with several more common examples illustrated here.



Utility Limitations



Uneven surfaces



Uneven surfaces



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Several electrical lines intersecting



Several lines running into/out of electric vault



Electrical lines



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Electrical running toward electrical cabinet



Small corner area locate



Hard to trace lines



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TERMS & CONDITIONS

<http://www.gprsinc.com/termsandconditions.html>

SIGNATURE

1521.2102

Contact Name

John Durcinka (912) 978-2124 Dozier@intse.com



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UTILITY LOCATING

To ensure the overall timely success of your project, utility detection is critical to any construction project where subsurface excavation is planned. If this critical first step is ignored, the risk for injury increases, budget overruns can multiply and your schedule can be delayed.

VIDEO PIPE INSPECTION

Video Pipe Inspection (CCTV) is a service used to inspect underground water, sewer and lateral pipelines. VPI is a great tool for investigating cross-bores, structural faults and damages, and lateral line inspection.

CONCRETE SCANNING

With new build construction and renovation projects, the likelihood of needing to cut or core concrete is high. There is an inherent risk of striking rebar, conduits, and post tension cables during the cutting or coring process. Our industry-leading concrete scanning services can mitigate the risks associated with saw cutting and core drilling concrete slabs.

REPORTS & DRAWINGS

The goal of the GPRS Deliverables Department is to deliver clear and understandable findings with each of our outputs from field markings to field sketches, KMZ files, or CAD drawings that provide 2D site plans or even 3D CAD models. In addition, upon the completion of every project, our customers receive a job summary that includes Job scope information, site photos, description of site conditions, equipment used, and notes from the project.



NATIONWIDE SERVICE

With team members located in every major metropolitan area in the U.S., we're just a short drive away from any project. Our footprint allows us to service all of your projects, nationwide ■



RAPID RESPONSE

Time is always critical in any construction project. We understand this and have, accordingly, developed and perfected our operations to quickly and efficiently respond to our customers within 24-48 hours, or less ■



CONSULTATIVE APPROACH

Our Project Managers are trained to ask questions and provide you with answers. This project-specific consultative approach - a GPRS trademark - helps us hone in on your subsurface issues and ensure we provide valuable problem-solving solutions to keep your job moving ■



PROVEN RESULTS

GPRS deploys the best equipment, operated by skilled Project Managers, who know how to solve your subsurface locating issues. Since our inception, GPRS has completed hundreds of thousands of projects in North America. Our accuracy rate on these projects? Over 99% ■



The **SIM** Specification standard is the industry-leading, metrics-based guideline for the underground locating and concrete scanning industries. SIM includes these three main elements:



SIMSPEC.ORG



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6. PRIVATE UTILITY LOCATING IS NEVER A REPLACEMENT FOR ONE CALL/811 SERVICES. STATE LAW REQUIRES 811 TO BE CALLED PRIOR TO ANY AND ALL EXCAVATION ACTIVITIES.

LEGEND

- ELECTRICAL
- SANITARY
- STORM
- UNKNOWN
- WATER
- SCAN LIMIT LINE



GPRS IS NOT AFFILIATED WITH 811 BUT DOES RECOMMEND THAT THE SERVICE IS USED ON EVERY PROJECT IN ADDITION TO OUR OWN. SEE NOTE #6 ABOVE.

FOR INFORMATION ONLY

GPRS FINDINGS MAP

PREPARED FOR:
INTEGRATED SCIENCE AND TECHNOLOGY

LOCATION:

624 FRIENDSHIP RD
GA, GA

PROJECT MANAGER:
SKYLER GOFF
SKYLER.GOFF@GPRSINC.COM

DATE	2021 MAY 24
DRAWING NO.	1 REV. 1

Google

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