

# SUBMITTAL LETTER

To: UNKNOWN

DECEMBER 10, 2021

**Re:** GPRS FINDINGS REPORT

50 HINCKLEY PL, BROOKKYN, NY

Thank you for the opportunity to serve you on your project. Please refer to the job summary report that is sent separately from this document for additional notes related to our site visit. Included with this submittal email, please find the document list below which includes a link to download your files from our database:

## Document List:

COPIES	DATE	DESCRIPTION	LINK
1	12/10/2021	PDF Aerial Overlay - Open with PDF reader	<a href="#">PDF</a>
1	12/10/2021	PDF Aerial Overlay with Icons - Open with PDF reader	<a href="#">PDF</a>
1	12/10/2021	KMZ file - Open with Google Earth	<a href="#">KMZ</a>
1	12/10/2021	SHP files - For use in CAD or GIS software	<a href="#">SHP</a>

As an additional service, we also provide CAD drawings and can even use your existing drawings as background linework for our files. If you have already ordered CAD as a deliverable option, the CAD will be delivered as a separate submittal, typically in the next few days. If you would like CAD as a deliverable and have not yet requested it, please reach out to us to get a quote to have the service added to your job by replying to this email or giving me a call.

As a reminder, we do not provide surveying or engineering services at GPRS. The data provided is at mapping quality for general reference only. The GNSS/GPS locators that we utilize are certified for sub-meter accuracy and locations were attained by our project managers that are not surveying professionals. Some of the documents we provide with our deliverable have embedded location and elevation data that should be used at your own risk due to accuracy limitations listed above. If survey and design level accuracy is needed, you will need to hire a licensed surveyor in that state to pick up field markings to provide you with the desired data separate from GPRS. This letter is subject to our Terms and Conditions which are listed and incorporated by reference here: <https://gp-radar.com/terms-conditions>.

Please let me know if you have any questions, concerns, or additional requests. I look forward to working with you again soon.

Thank you!

Raymond Williams

CC: Docs@gprsinc.com

raymond.williams@gprsinc.com



# Job Summary

Job Date : 12/3/2021

<b>Customer</b>	HALEY AND ALDRICH	<b>Phone Number</b>	6466185482
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<b>Billing Address</b>	<b>City</b>	<b>State</b>	<b>Zip</b>
70 BLANCHARD RD	BURLINGTON	MA	01803

## Job Details

<b>Jobsite Location</b>	43 FRANKLIN AVENUE
<b>City</b>	BROOKLYN
<b>State</b>	NY

<b>WA Number</b>	314048
<b>Job Num</b>	0200894
<b>PO Num</b>	0200894

<b>Lead Technician</b>	LAMANNO, TYLER	<b>Phone</b>	732-672-9340	<b>Email</b>	tyler.lamanno@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 35000 square feet.
- 35,000 sf open-air vacant lot (former parking lot)
- 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 3 feet.



# Job Summary

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- GPR and EM wand use to locate potentially utilities on site.

GPR struggled to see anything past 3 feet. Terrain is different in some areas.

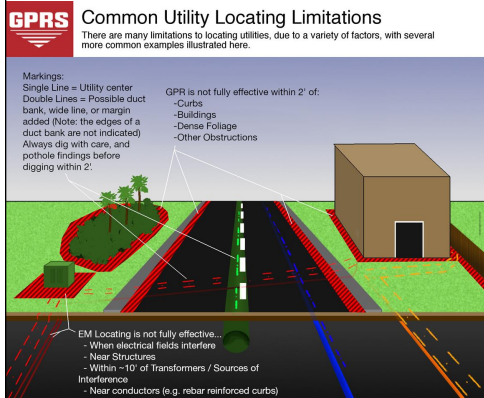
GPR Data revealed debris in the ground in a few different location. It's not consistent enough for me to believe that it's pipe of any sort. Since I was unable to determine what it could be it is marked in pink.

EM wand who is used to passively scan the area in search of any electrical lines underground. I was unable to pick up any potential lines within the scope.

I recommend staying at least 3 feet away from all marks on site. I also recommend handshaking the first 2 feet if possible.

Detailed info to follow in the formal report.

## Pictures



## Utility Limitations

## TERMS & CONDITIONS

[https://www.gp-radar.com/legal/terms-conditions?utm\\_source=jobsummary&utm\\_medium=referral](https://www.gp-radar.com/legal/terms-conditions?utm_source=jobsummary&utm_medium=referral)

## SIGNATURE

## Contact Name

Jared 6466185482 ESnead@haleyaldrich.com

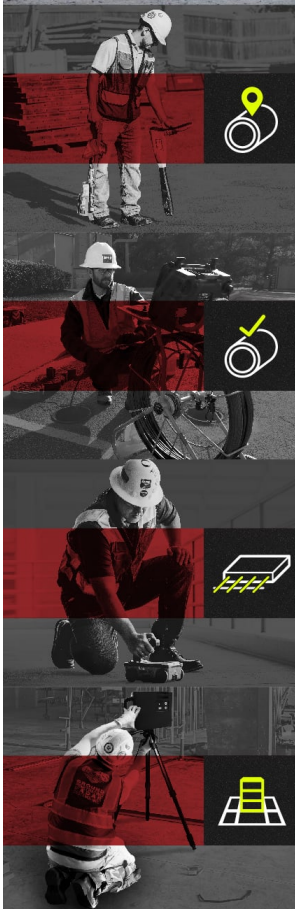


# Job Summary

Job Date : 12/3/2021



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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 IMAGING

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.

## MAPPING & MODELING

As-built utility maps, structural as-built drawings, and facility maps are actually meant to be "as-intended" drawings as the construction process or renovations can cause deviations to the original plan. GPRS can create a comprehensive facility map that contains precise as-built conditions – giving you peace of mind by knowing exactly what exists on your property.

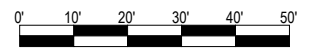


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6. PRIVATE UTILITY LOCATING IS NEVER A REPLACEMENT FOR ONE CALL/811 SERVICES. STATE LAW REQUIRES 811 TO BE CALLED PRIOR TO ANY AND ALL EXCAVATION ACTIVITIES.

**LEGEND**

- ELECTRICAL
- FUEL/GAS/OIL
- UNKNOWN
- ..... SCAN LIMIT



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:

LOCATION:

50 HINCKLEY PL  
BROOKLYN, NY

PROJECT MANAGER:  
RAYMOND WILLIAMS  
RAYMOND.WILLIAMS@GPRSINC.COM

DATE	2021 DEC 10		
DRAWING NO.	1	REV.	1

Map data ©2021 Imagery ©2021 Bluesky, Maxar Technologies, Sanborn



AIR_COMPRESSOR	ELEC_BOX	FUEL_AST	MISC_CONTINUOUS	STEAM_CONTINUOUS	TREE_CONIFEROUS
AIR_CONTINUOUS	ELEC_CABINET	FUEL_CONTINUOUS	MISC_DEPTH	STEAM_EOI	TREE_DECIDUOUS
AIR_EOI	ELEC_CONTINUOUS	FUEL_EOI	MISC_EOI	STEAM_MANHOLE	UNKN_CONTINUOUS
AIR_MANHOLE	ELEC_EOI	FUEL_MANHOLE	MISC_MANHOLE	STEAM_MISC	UNKN_EOI
AIR_MISC	ELEC_EQUIPMENT	FUEL_MISC	MISC_POINT	STEAM_VALVE	UNKN_MANHOLE
AIR_PUMP	ELEC_LANDSCAPELIGHT	FUEL_PUMP	MISC_VALVE	STRM_CATCHBASINROUND	UNKN_MISC
AIR_RISER	ELEC_MANHOLE	FUEL_RISER	OIL_CONTINUOUS	STRM_CATCHBASINSQUARE	UNKN_VALVE
CHEM_AST	ELEC_METER	FUEL_UST	OIL_EOI	STRM_CLEANOUT	WTR_BACKFLOWPREVENTOR
CHEM_CONTINUOUS	ELEC_MISC	FUEL_VALVE	OIL_MANHOLE	STRM_CONTINUOUS	WTR_CONTINUOUS
CHEM_EOI	ELEC_PANEL	FUEL_VAULT	OIL_MISC	STRM_CURBINLET	WTR_EOI
CHEM_MANHOLE	ELEC_POWERPOLE	FUEL_VENT	OIL_PUMP	STRM_ENDPIPE	WTR_HYDRANT
CHEM_MISC	ELEC_SIGN	GAS_AST	OIL_RISER	STRM_EOI	WTR_MANHOLE
CHEM_PUMP	ELEC_SITELIGHT	GAS_CONTINUOUS	OIL_TANK	STRM_LIFTSTATION	WTR_METER
CHEM_TANK	ELEC_TRANSFORMER	GAS_EOI	OIL_UST	STRM_MANHOLE	WTR_MISC
CHEM_VALVE	ELEC_UTILITYPOLE	GAS_MANHOLE	OIL_VALVE	STRM_MISC	WTR_POSTINDICATORVALVE
COMM_BOX	ELEC_VAULT	GAS_METER	OIL_VAULT	STRM_ROOFDRAIN	WTR_RISER
COMM_CAMERA	FIRE_BACKFLOWPREVENTOR	GAS_MISC	OIL_VENT	STRM_TRENCHDRAIN	WTR_VALVE
COMM_CONTINUOUS	FIRE_CONTINUOUS	GAS_PUMP	SAN_CLEANOUT	STRM_UST	WTR_WELLHEAD
COMM_EOI	FIRE_EOI	GAS_RISER	SAN_CONTINUOUS	STRM_VAULT	BUILDING CORNER
COMM_MANHOLE	FIRE_HYDRANT	GAS_UST	SAN_EOI	STRM_VENT	FLAGPOLE
COMM_MISC	FIRE_MANHOLE	GAS_VALVE	SAN_GREASETRAP	STRM_YARDBASIN	GRAVE
COMM_PEDESTAL	FIRE_METER	GAS_VAULT	SAN_INVERT	TRAF_BOX	GRAVE
COMM_POLE	FIRE_MISC	GAS_VENT	SAN_LIFTSTATION	TRAF_CABINET	HEADSTONE NO GRAVE
COMM_VAULT	FIRE_POSTINDICATORVALVE	IRR_BACKFLOWPREVENTOR	SAN_MANHOLE	TRAF_CONTINUOUS	MAILBOX
	FIRE_RISER	IRR_CONTINUOUS	SAN_MARKER	TRAF_EOI	POST
	FIRE_VALVE	IRR_CONTROL VALVE	SAN_MISC	TRAF_MANHOLE	SATELLITE
		IRR_EOI	SAN_SEPTICTANK	TRAF_MISC	SIGN
		IRR_MISC	SAN_VAULT	TRAF_PARKINGMETER	SOIL BORING MARKER
		IRR_RISER	SAN_VENT	TRAF_SIGN	SOIL BORING MARKER
		IRR_SPRINKLER		TRAF_SIGNAL	
				TRAF_STREETLIGHT	

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LEGEND

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- FUEL/GAS/OIL
- UNKNOWN
- SCAN LIMIT



Know what's below. Call before you dig.

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PROJECT MANAGER:

RAYMOND WILLIAMS  
RAYMOND.WILLIAMS@GPRSINC.COM

DATE 2021 DEC 10

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