

DATE OF LOCATE: 01-Apr-2022 (see each auxiliary page(s) for the validity period for each buried service marked)

COMPANY: [REDACTED]	TICKET #: [REDACTED]	PLI JOB #:
REQUESTED BY: [REDACTED]	PHONE #: [REDACTED]	EMAIL ADDRESS: [REDACTED]
COMPANY ADDRESS: [REDACTED]		P.O. / JOB #: [REDACTED]
LOCATE ADDRESS: [REDACTED]		EXCAVATION DATE: 04-Apr-2022
SITE MEET WITH EXCAVATOR?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	IF YES, SITE CONTACT NAME:	
		SITE CONTACT PHONE #:

TYPE AND LOCATION OF WORK (check all that apply):

PUBLIC PROPERTY
 PRIVATE PROPERTY
 EXTERIOR
 INTERIOR
 BOREHOLE DRILLING
 DIRECTIONAL DRILLING
 MACHINE DIG
 VACUUM EXCAVATION
 HAND DIG
 OTHER:

CLIENT REMARKS / INSTRUCTIONS:	LOCATE TECHNICIAN (DPT) REMARKS: <input checked="" type="checkbox"/> IF CHECKED, PRIVATE UTILITY LOCATE LIMITATIONS EXIST FOR THIS WORK SITE. SEE THE PRIVATE AUXILIARY PAGE FOR THE LIMITATION(S)	THIRD PARTY NOTIFICATION: <i>If there is a STOP warning in this box, you must not dig and:</i> <ul style="list-style-type: none"> • Check each Auxiliary Locate Report in this locate package and follow the STOP instructions from that Utility Owner
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LOCATE SERVICES PROVIDED: PRIVATELY-OWNED INFRASTRUCTURE
 GEOPHYSICAL SURVEY
 PRE-ENGINEERING (SUE / SUM)

THE FOLLOWING UTILITY OWNED INFRASTRUCTURE:

AN AUXILIARY REPORT WILL ACCOMPANY THIS PRIMARY SHEET FOR EVERY CHECKED AND LISTED SERVICE HERE.

PLEASE READ AND UNDERSTAND ALL SPECIAL INSTRUCTIONS FROM EACH UTILITY OWNER CHECKED HERE. THESE INSTRUCTIONS CAN BE FOUND ON EACH INDIVIDUAL AUXILIARY LOCATE REPORT THAT ACCOMPANIES THIS PRIMARY LOCATE REPORT.

MARKING COLOURS: (These colours are used by Premier Locates to identify each Utility line marked as part of this locate.)

YELLOW Gas, Oil, Steam, Petroleum, or Gaseous Materials	GREEN Sewers and Drains (Sanitary & Storm Infrastructure)
ORANGE Communications - Phones, Cable TV, Alarm or Signal Lines, Cables, or Conduit	PINK Temporary Survey Marks (SUE / SUM)
RED Electric Power Lines, Cables, Conduit, and Lighting	PURPLE Reclaimed Water, Irrigation, and Slurry Lines
BLUE Potable Water	WHITE Proposed Excavation Limits (White Lining)

EQUIPMENT USED:

EM TRANSMITTER / RECEIVER
 PUSH SEWER CAMERA / SONDE
 ROBOTIC SEWER CAMERA
 LATERAL LAUNCH SEWER CAMERA
 MAGNOMETER / PIN FINDER
 NOGGIN GPR 250 MHz WITH GPS
 CONQUEST GPR 1000 MHz
 EM61
 EM31

DAY 1: START TIME: 10:00am	TECH 1: PDK 8 hrs.	DAY 2: START TIME: _____	TECH 1: _____ hrs.	DPT NAME: P. Daniel-Kalio
FINISH TIME: 4:30pm	TECH 2: _____ hrs.	FINISH TIME: _____	TECH 2: _____ hrs.	DPT ID #:
	TECH 3: _____ hrs.		TECH 3: _____ hrs.	
	TECH 4: _____ hrs.		TECH 4: _____ hrs.	LOCATE DELIVERED VIA EMAIL

ACKNOWLEDGMENTS / WARNINGS:

READ AND FULLY UNDERSTAND ALL THE PAGES CONTAINED IN THIS LOCATE REPORT. THIS LOCATE REPORT INCLUDES THIS PRIMARY LOCATE REPORT, AN AUXILIARY LOCATE REPORT FOR EACH LOCATE SERVICE PROVIDED BY PREMIER LOCATES INC., AS WELL AS THE DISCLAIMER AND CLIENT ACKNOWLEDGEMENT SHEETS FOR EACH AUXILIARY REPORT.

LOCATES ARE VALID FOR A LIMITED TIME FRAME. SEE THE VALIDITY PERIODS FOR EACH UTILITY OWNER INDICATED ON EACH AUXILIARY SHEET IN THIS REPORT.

THIS LOCATE REPORT IN ITS ENTIRETY MUST BE AT THE WORK SITE AND IN THE HANDS OF THE PERSON EXCAVATING DURING ANY TYPE OF GROUND DISTURBANCE WORK FOR THIS LOCATE TO BE VALID. IF GROUND MARKINGS DO NOT MATCH THE LOCATE REPORT, ARE MISSING, OR THE EXCAVATOR FINDS AN ERROR WITH THIS REPORT, THIS LOCATE IS INVALID.

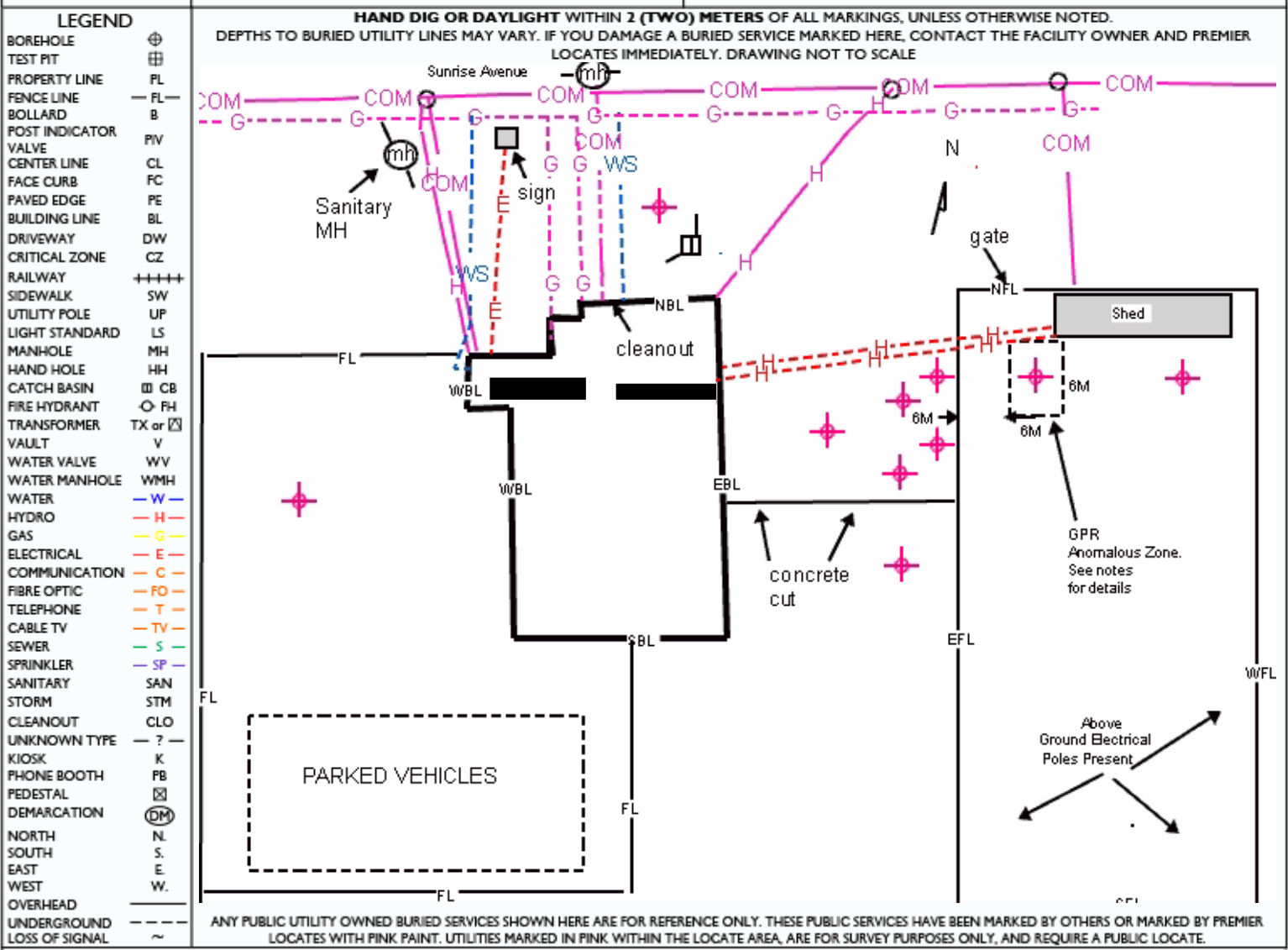
ANY CHANGES TO LOCATION OR NATURE OF EXCAVATION WORK REQUIRES A NEW LOCATE. THE EXCAVATOR MUST NOT WORK OUTSIDE THE LOCATED AREA WITHOUT A NEW LOCATE. FOR ALL LOCATE REQUESTS, INCLUDING REMARKS, CONTACT PREMIER LOCATES AT THE NUMBER ABOVE FOR A NEW LOCATE.

EACH UTILITY OWNER DEFINES THEIR OWN TOLERANCE DISTANCE. THE TOLERANCE DISTANCE IS THE HORIZONTAL SPACE ON EITHER SIDE OF THE MARKED FACILITY THAT MUST BE EXPOSED USING SOFT EXCAVATION TECHNIQUES (CHECK WITH EACH UTILITY OWNER FOR THEIR APPROVED PROCEDURES FOR SOFT EXCAVATION TECHNIQUES). PLEASE CHECK THE TOLERANCE DISTANCE NOTED ON EACH AUXILIARY SHEET. DO NOT USE MECHANICAL EXCAVATION EQUIPMENT WITHIN THE TOLERANCE DISTANCE OF A MARKED BURIED FACILITY.

BY ACCEPTING THIS REPORT VIA EMAIL AND RELYING UPON THIS LOCATE REPORT, THE RECIPIENT ACKNOWLEDGES AND IS IN AGREEMENT TO ALL THE TERMS AND CONDITIONS AND LIMITATIONS ON EACH LOCATE SHEET.

UTILITY SERVICES LOCATED: <input type="checkbox"/> PRIVATELY OWNED	REQUEST / TICKET #: 34611	VALIDITY: 60 days from this date:	DATE LOCATED: 01-Apr-2022
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LOCATED AREA:	FROM: Exterior BH- 1m Radius Around BH Markings	TO: _____
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DOCUMENTS TO BE USED WITH THIS LOCATE:

PRIVATE LOCATE GUIDELINE (OWN YOUR SAFETY, 2021)	(If you would like a copy of any of these documents, please contact our office at the number above.)
DAMAGE PREVENTION FOR THE PROTECTION OF UNDERGROUND INFRASTRUCTURE, (CSA Z-247-15, AUG 2016)	
GUIDELINE FOR EXCAVATING PROXIMITY OF UNDERGROUND DISTRIBUTION LINES (ESA, FEB 2021)	

LOCATE METH-

UTILITY LOCATE METHODS USED: ACTIVE PASSIVE INDUCTIVE SWEEP

SEWER LINES: TRACED NOT TRACED MH OR CB INVERTS MARKED WHERE FOUND / VISIBLE

ODS:

PRIVATE DETECTABLE SERVICES FOUND: AS SHOWN ON DRAWING NONE

GEOPHYSICS: EXTERIOR 250 MHz GPR LINE SCAN EXTERIOR 250 MHz GPR GRID SCAN INTERIOR 1,000 MHz GPR LINE SCAN INTERIOR 1,000 MHz GPR GRID SCAN

SITE CONDITIONS / LIMITATIONS:

IF THERE IS A LIMITATION INDICATED HERE, WRITTEN OR CHECKED, THERE IS AN **ELEVATED RISK** OF STRIKING A BURIED FACILITY. THE CLIENT REPRESENTATIVE IS TO NOTIFY ALL INVOLVED WITH THE PROJECT (INCLUDING AND NOT LIMITED TO ALL FIELD STAFF, PROJECT MANAGERS, THEIR CLIENT AND/OR PROPERTY OWNER OF THE SUBJECT PROPERTY IF THE SAME). ANY LIMITATION NOTED TRANSLATES INTO AN INCREASED RISK OF NOT FINDING ALL BURIED FACILITIES WITHIN THE WORK AREA.

AS-BUILT OR UTILITY DRAWINGS REQUESTED FROM: _____

SITE PLAN (SHOWING WORK AREA): Yes No

PROPERTY AS-BUILT OR UTILITY DRAWINGS: Yes No

SURVEY: Yes No

BUILDING ACCESS: Yes No NA

SITE OPERATIONS PERSONNEL INTERVIEWED: Yes No NA

WEATHER: 2C Dry/Snow

GROUND SNOW COVERED: Yes No

OBSTRUCTIONS: PARKED VEHICLES OVERGROWN VEGETATION PRODUCT STORAGE OTHER (specify): _____

LIST ANY OTHER LIMITATIONS:
 SEE AUXILIARY PAGE FOR NOTES AND LIMITATIONS

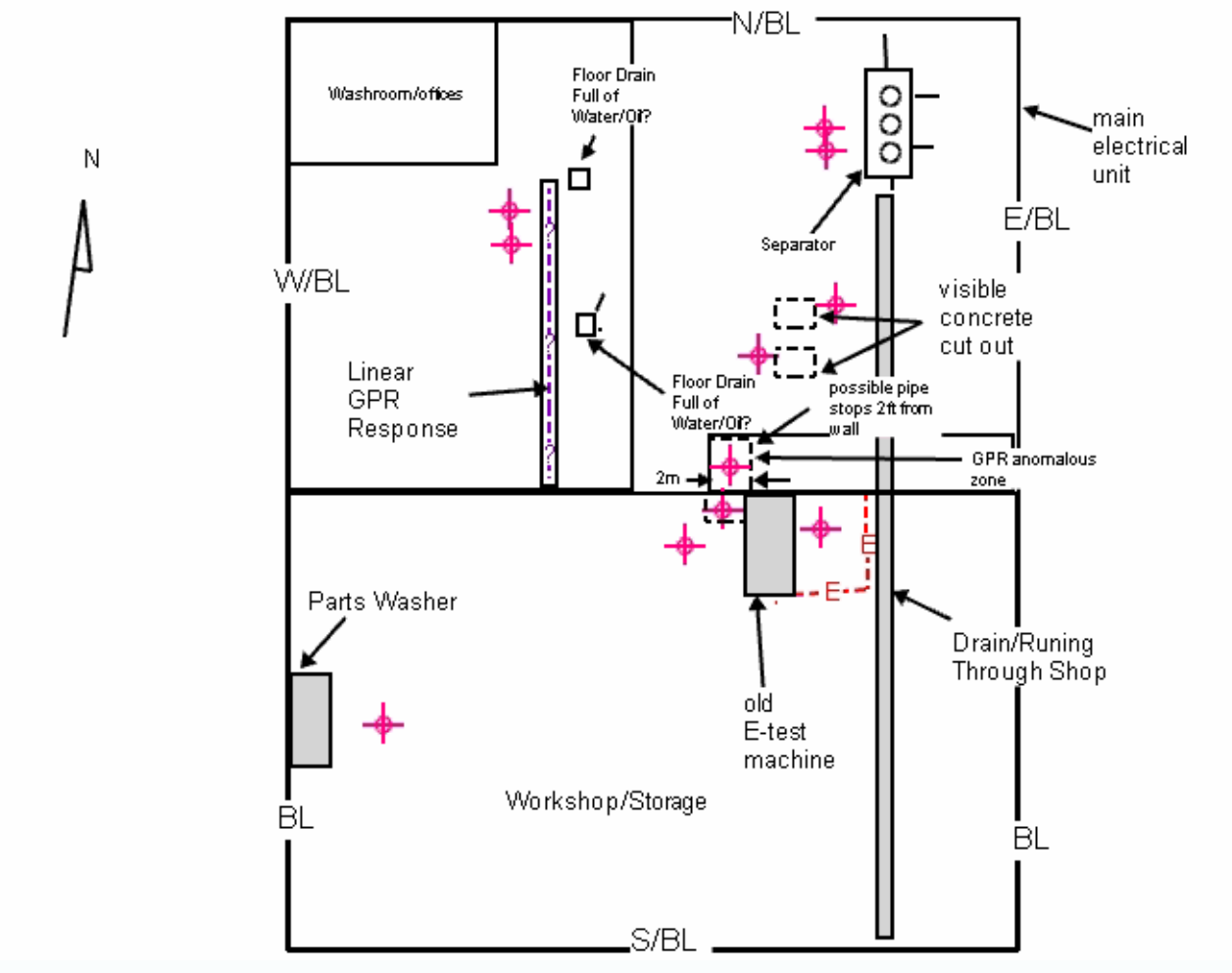
UTILITY SERVICES LOCATED:	<input type="checkbox"/> PRIVATELY OWNED	REQUEST / TICKET #: 34611	VALIDITY: 60 days from this date:
		DATE LOCATED: 01-Apr-2022	

LOCATED AREA:	FROM: Interior BH- Right on BH Mark
	TO: _____

LEGEND

BOREHOLE	⊕
TEST PIT	⊞
PROPERTY LINE	FL
FENCE LINE	FL—
BOLLARD	B
POST INDICATOR	PIV
VALVE	V
CENTER LINE	CL
FACE CURB	FC
PAVED EDGE	PE
BUILDING LINE	BL
DRIVEWAY	DW
CRITICAL ZONE	CZ
RAILWAY	+++++
SIDEWALK	SW
UTILITY POLE	UP
LIGHT STANDARD	LS
MANHOLE	MH
HAND HOLE	HH
CATCH BASIN	CB
FIRE HYDRANT	FH
TRANSFORMER	TX or ☒
VAULT	V
WATER VALVE	WV
WATER MANHOLE	WMH
WATER	—W—
HYDRO	—H—
GAS	—G—
ELECTRICAL	—E—
COMMUNICATION	—C—
FIBRE OPTIC	—FO—
TELEPHONE	—T—
CABLE TV	—TV—
SEWER	—S—
SPRINKLER	—SP—
SANITARY	SAN
STORM	STM
CLEANOUT	CLO
UNKNOWN TYPE	—?—
KIOSK	K
PHONE BOOTH	PB
PEDESTAL	☒
DEMARICATION	Ⓞ
NORTH	N
SOUTH	S
EAST	E
WEST	W
OVERHEAD	— — —
UNDERGROUND	— — —
LOSS OF SIGNAL	~

HAND DIG OR DAYLIGHT WITHIN 2 (TWO) METERS OF ALL MARKINGS, UNLESS OTHERWISE NOTED.
 DEPTHS TO BURIED UTILITY LINES MAY VARY. IF YOU DAMAGE A BURIED SERVICE MARKED HERE, CONTACT THE FACILITY OWNER AND PREMIER LOCATES IMMEDIATELY. DRAWING NOT TO SCALE



ANY PUBLIC UTILITY OWNED BURIED SERVICES SHOWN HERE ARE FOR REFERENCE ONLY. THESE PUBLIC SERVICES HAVE BEEN MARKED BY OTHERS OR MARKED BY PREMIER LOCATES WITH PINK PAINT. UTILITIES MARKED IN PINK WITHIN THE LOCATE AREA, ARE FOR SURVEY PURPOSES ONLY, AND REQUIRE A PUBLIC LOCATE.

DOCUMENTS TO BE USED WITH THIS LOCATE:

PRIVATE LOCATE GUIDELINE (OWN YOUR SAFETY, 2021)	(If you would like a copy of any of these documents, please contact our office at the number above.)
DAMAGE PREVENTION FOR THE PROTECTION OF UNDERGROUN INFRASTRUCTURE, (CSA Z-247-15, AUG 2016)	
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LOCATE METH-

UTILITY LOCATE METHODS USED: ACTIVE PASSIVE INDUCTIVE SWEEP

SEWER LINES: TRACED NOT TRACED MH OR CB INVERTS MARKED WHERE FOUND / VISIBLE

GEOPHYSICS: EXTERIOR 250 MHz GPR LINE SCAN EXTERIOR 250 MHz GPR GRID SCAN INTERIOR 1,000 MHz GPR LINE SCAN INTERIOR 1,000 MHz GPR GRID SCAN

SITE CONDITIONS / LIMITATIONS:

IF THERE IS A LIMITATION INDICATED HERE, WRITTEN OR CHECKED, THERE IS AN **ELEVATED RISK** OF STRIKING A BURIED FACILITY. THE CLIENT REPRESENTATIVE IS TO NOTIFY ALL INVOLVED WITH THE PROJECT (INCLUDING AND NOT LIMITED TO ALL FIELD STAFF, PROJECT MANAGERS, THEIR CLIENT AND/OR PROPERTY OWNER OF THE SUBJECT PROPERTY IF THE SAME). ANY LIMITATION NOTED TRANSLATES INTO AN INCREASED RISK OF NOT FINDING ALL BURIED FACILITIES WITHIN THE WORK AREA.

AS-BUILT OR UTILITY DRAWINGS REQUESTED FROM: _____

SITE PLAN (SHOWING WORK AREA): Yes No

PROPERTY AS-BUILT OR UTILITY DRAWINGS: Yes No

SURVEY: Yes No

BUILDING ACCESS: Yes No NA

SITE OPERATIONS PERSONNEL INTERVIEWED: Yes No NA

WEATHER: 2C Dry/Snow

GROUND SNOW COVERED: Yes No

OBSTRUCTIONS: PARKED VEHICLES OVERGROWN VEGETATION PRODUCT STORAGE OTHER (specify): _____

LIST ANY OTHER LIMITATIONS:
 SEE AUXILLARY PAGE FOR NOTES AND LIMITATIONS

THE CLIENT HAS BEEN MADE AWARE AND ACKNOWLEDGES THAT ANY **PUBLIC UTILITY OWNED** SERVICES (GAS, TELEPHONE, CABLE TV, HYDRO, WATER, SEWER, ETC.) WITHIN THE LIMITS OF THIS PRIVATE AUXILIARY LOCATE REPORT AND MARKED BY PREMIER LOCATES INC., ARE FOR SURVEY PURPOSES ONLY AND REQUIRE PUBLIC LOCATES THROUGH ONTARIO ONECALL

UTILITY SERVICES LOCATED: <input type="checkbox"/> PRIVATELY OWNED	REQUEST / TICKET #: 34611	VALIDITY: 60 days from this date:	DATE LOCATED: 01-Apr-2022
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LOCATED AREA:	FROM: _____ TO: _____ FROM: _____ TO: _____
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LEGEND	
BOREHOLE	⊕
TEST PIT	⊞
PROPERTY LINE	PL
FENCE LINE	— FL —
BOLLARD	B
POST INDICATOR	PIV
VALVE	V
CENTER LINE	CL
FACE CURB	FC
PAVED EDGE	PE
BUILDING LINE	BL
DRIVEWAY	DW
CRITICAL ZONE	CZ
RAILWAY	+++++
SIDEWALK	SW
UTILITY POLE	UP
LIGHT STANDARD	LS
MANHOLE	MH
HAND HOLE	HH
CATCH BASIN	▣ CB
FIRE HYDRANT	⊙ FH
TRANSFORMER	TX or ☒
VAULT	V
WATER VALVE	WV
WATER MANHOLE	WMH
WATER	— W —
HYDRO	— H —
GAS	— G —
ELECTRICAL	— E —
COMMUNICATION	— C —
FIBRE OPTIC	— FO —
TELEPHONE	— T —
CABLE TV	— TV —
SEWER	— S —
SPRINKLER	— SP —
SANITARY	SAN
STORM	STM
CLEANOUT	CLO
UNKNOWN TYPE	— ? —
KIOSK	K
PHONE BOOTH	PB
PEDESTAL	⊞
DEMARICATION	Ⓞ
NORTH	N.
SOUTH	S.
EAST	E.
WEST	W.
OVERHEAD	— — —
UNDERGROUND	— — —
LOSS OF SIGNAL	~

HAND DIG OR DAYLIGHT WITHIN 2 (TWO) METERS OF ALL MARKINGS, UNLESS OTHERWISE NOTED.
 DEPTHS TO BURIED UTILITY LINES MAY VARY. IF YOU DAMAGE A BURIED SERVICE MARKED HERE, CONTACT THE FACILITY OWNER AND PREMIER LOCATES IMMEDIATELY. DRAWING NOT TO SCALE

LOCATED BY VISIBLE AND ACCESIBLE INDICATORS OF PRIVATE UTILITIES ONLY

*THE LOCATE AREA WAS FULL OF PARKED CARS AND PRODUCT STORAGE THIS LIMITED THE LOCATE TECHNICIANS' ABILITY TO FIND ACCESSIBLE STRUCTURES WITHIN THE WORK AREA

PLEASE REVIEW THIS LOCATE WITH THE PROPERTY OWNER TO ENSURE IT IS COMPLETE.

* CB AND MH INVERTS HAVE BEEN MARKED AS OBSERVED. AS PER DRAWINGS, SEWERS NOT PHYSICALLY TRACED

*PERFORMED ACTIVE AND PASSIVE SWEEPS IN LOCATE AREA

*NO AS-BUILTS PROVIDED AT TIME OF LOCATES

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DOCUMENTS TO BE USED WITH THIS LOCATE: PRIVATE LOCATE GUIDELINE (OWN YOUR SAFETY, 2021) DAMAGE PREVENTION FOR THE PROTECTION OF UNDERGROUN INFRASTRUCTURE, (CSA Z-247-15, AUG 2016) GUIDELINE FOR EXCAVATING PROXIMITY OF UNDERGROUND DISTRIBUTION LINES (ESA, FEB 2021)	(If you would like a copy of any of these documents, please contact our office at the number above.)
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LOCATE METH- UTILITY LOCATE METHODS USED: <input checked="" type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> PASSIVE <input checked="" type="checkbox"/> INDUCTIVE SWEEP SEWER LINES: <input type="checkbox"/> TRACED <input type="checkbox"/> NOT TRACED <input checked="" type="checkbox"/> MH OR CB INVERTS MARKED WHERE FOUND / VISIBLE GEOPHYSICS: <input checked="" type="checkbox"/> EXTERIOR 250 MHz GPR LINE SCAN <input type="checkbox"/> EXTERIOR 250 MHz GPR GRID SCAN <input checked="" type="checkbox"/> INTERIOR 1,000 MHz GPR LINE SCAN <input type="checkbox"/> INTERIOR 1,000 MHz GPR GRID SCAN	ODS: PRIVATE DETECTABLE SERVICES FOUND: <input checked="" type="checkbox"/> AS SHOWN ON DRAWING <input type="checkbox"/> NONE
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SITE CONDITIONS / LIMITATIONS:
 IF THERE IS A LIMITATION INDICATED HERE, WRITTEN OR CHECKED, THERE IS AN **ELEVATED RISK** OF STRIKING A BURIED FACILITY. THE CLIENT REPRESENTATIVE IS TO NOTIFY ALL INVOLVED WITH THE PROJECT (INCLUDING AND NOT LIMITED TO ALL FIELD STAFF, PROJECT MANAGERS, THEIR CLIENT AND/OR PROPERTY OWNER OF THE SUBJECT PROPERTY IF THE SAME). ANY LIMITATION NOTED TRANSLATES INTO AN INCREASED RISK OF NOT FINDING ALL BURIED FACILITIES WITHIN THE WORK AREA.

AS-BUILT OR UTILITY DRAWINGS REQUESTED FROM: _____

SITE PLAN (SHOWING WORK AREA): Yes No PROPERTY AS-BUILT OR UTILITY DRAWINGS: Yes No SURVEY: Yes No

BUILDING ACCESS: Yes No NA SITE OPERATIONS PERSONNEL INTERVIEWED: Yes No NA

WEATHER: 2C Dry/Snow GROUND SNOW COVERED: Yes No

OBSTRUCTIONS: PARKED VEHICLES OVERGROWN VEGETATION PRODUCT STORAGE OTHER (specify): _____

LIST ANY OTHER LIMITATIONS:
 SEE AUXILLARY PAGE FOR NOTES AND LIMITATIONS

UTILITY SERVICES LOCATED:	<input type="checkbox"/> PRIVATELY OWNED	REQUEST / TICKET #: 34611	VALIDITY: 60 days from this date:
			DATE LOCATED: 01-Apr-2022
LOCATED AREA:	FROM:	TO:	
	FROM:	TO:	

LEGEND	
BOREHOLE	⊕
TEST PIT	⊞
PROPERTY LINE	PL
FENCE LINE	— FL —
BOLLARD	B
POST INDICATOR	PIV
VALVE	VAL
CENTER LINE	CL
FACE CURB	FC
PAVED EDGE	PE
BUILDING LINE	BL
DRIVEWAY	DW
CRITICAL ZONE	CZ
RAILWAY	+++++
SIDEWALK	SW
UTILITY POLE	UP
LIGHT STANDARD	LS
MANHOLE	MH
HAND HOLE	HH
CATCH BASIN	▣ CB
FIRE HYDRANT	⊙ FH
TRANSFORMER	TX or ☒
VAULT	V
WATER VALVE	WV
WATER MANHOLE	WMH
WATER	— W —
HYDRO	— H —
GAS	— G —
ELECTRICAL	— E —
COMMUNICATION	— C —
FIBRE OPTIC	— FO —
TELEPHONE	— T —
CABLE TV	— TV —
SEWER	— S —
SPRINKLER	— SP —
SANITARY	SAN
STORM	STM
CLEANOUT	CLO
UNKNOWN TYPE	— ? —
KIOSK	K
PHONE BOOTH	PB
PEDESTAL	⊞
DEMARICATION	Ⓞ
NORTH	N.
SOUTH	S.
EAST	E.
WEST	W.
OVERHEAD	— — —
UNDERGROUND	— — —
LOSS OF SIGNAL	~

HAND DIG OR DAYLIGHT WITHIN 2 (TWO) METERS OF ALL MARKINGS, UNLESS OTHERWISE NOTED.
 DEPTHS TO BURIED UTILITY LINES MAY VARY. IF YOU DAMAGE A BURIED SERVICE MARKED HERE, CONTACT THE FACILITY OWNER AND PREMIER LOCATES IMMEDIATELY. DRAWING NOT TO SCALE

GPR – Conquest 1,000 MHz/Interior Private Locate

Scanned interior Locate areas using active, passive, and inductive signals.

Marked private detectable services found near these locations.

Borehole was using the Conquest 1,000 MHz GPR System.

Data was reviewed in real time via a computer processor and digital display.

GPR signal penetration was approximately 14 inches in the work zone.

Conquest Limitations

GPR signal penetration was approximately 14 inches in work zone

The 1,000 MHz GPR antenna cannot be relied on to locate plastic, clay, or concrete sewer piping within or below a concrete floor slab as these materials do not typically reflect GPR signals.

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DOCUMENTS TO BE USED WITH THIS LOCATE:	PRIVATE LOCATE GUIDELINE (OWN YOUR SAFETY, 2021) DAMAGE PREVENTION FOR THE PROTECTION OF UNDERGROUN INFRASTRUCTURE, (CSA Z-247-15, AUG 2016) GUIDELINE FOR EXCAVATING PROXIMITY OF UNDERGROUND DISTRIBUTION LINES (ESA, FEB 2021)	(If you would like a copy of any of these documents, please contact our office at the number above.)
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LOCATE METH-	ODS:
UTILITY LOCATE METHODS USED: <input checked="" type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> PASSIVE <input checked="" type="checkbox"/> INDUCTIVE SWEEP	PRIVATE DETECTABLE SERVICES FOUND: <input checked="" type="checkbox"/> AS SHOWN ON DRAWING <input type="checkbox"/> NONE
SEWER LINES: <input type="checkbox"/> TRACED <input type="checkbox"/> NOT TRACED <input checked="" type="checkbox"/> MH OR CB INVERTS MARKED WHERE FOUND / VISIBLE	
GEOPHYSICS: <input checked="" type="checkbox"/> EXTERIOR 250 MHz GPR LINE SCAN <input type="checkbox"/> EXTERIOR 250 MHz GPR GRID SCAN <input checked="" type="checkbox"/> INTERIOR 1,000 MHz GPR LINE SCAN <input type="checkbox"/> INTERIOR 1,000 MHz GPR GRID SCAN	

SITE CONDITIONS / LIMITATIONS:
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AS-BUILT OR UTILITY DRAWINGS REQUESTED FROM: _____

SITE PLAN (SHOWING WORK AREA): Yes No PROPERTY AS-BUILT OR UTILITY DRAWINGS: Yes No SURVEY: Yes No

BUILDING ACCESS: Yes No NA SITE OPERATIONS PERSONNEL INTERVIEWED: Yes No NA

WEATHER: 2C Dry/Snow GROUND SNOW COVERED: Yes No

OBSTRUCTIONS: PARKED VEHICLES OVERGROWN VEGETATION PRODUCT STORAGE OTHER (specify): _____

LIST ANY OTHER LIMITATIONS:
 SEE AUXILLARY PAGE FOR NOTES AND LIMITATIONS

UTILITY SERVICES LOCATED: <input type="checkbox"/> PRIVATELY OWNED	REQUEST / TICKET #: 34611	VALIDITY: 60 days from this date:	DATE LOCATED: 01-Apr-2022
LOCATED AREA:	FROM: _____ TO: _____ FROM: _____ TO: _____		

LEGEND	
BOREHOLE	⊕
TEST PIT	⊞
PROPERTY LINE	PL
FENCE LINE	— FL —
BOLLARD	B
POST INDICATOR	PIV
VALVE	
CENTER LINE	CL
FACE CURB	FC
PAVED EDGE	PE
BUILDING LINE	BL
DRIVEWAY	DW
CRITICAL ZONE	CZ
RAILWAY	+++++
SIDEWALK	SW
UTILITY POLE	UP
LIGHT STANDARD	LS
MANHOLE	MH
HAND HOLE	HH
CATCH BASIN	▣ CB
FIRE HYDRANT	⊙ FH
TRANSFORMER	TX or ☒
VAULT	V
WATER VALVE	WV
WATER MANHOLE	WMH
WATER	— W —
HYDRO	— H —
GAS	— G —
ELECTRICAL	— E —
COMMUNICATION	— C —
FIBRE OPTIC	— FO —
TELEPHONE	— T —
CABLE TV	— TV —
SEWER	— S —
SPRINKLER	— SP —
SANITARY	SAN
STORM	STM
CLEANOUT	CLO
UNKNOWN TYPE	— ? —
KIOSK	K
PHONE BOOTH	PB
PEDESTAL	⊞
DEMARICATION	Ⓞ
NORTH	N.
SOUTH	S.
EAST	E.
WEST	W.
OVERHEAD	— — —
UNDERGROUND	— — —
LOSS OF SIGNAL	~

HAND DIG OR DAYLIGHT WITHIN 2 (TWO) METERS OF ALL MARKINGS, UNLESS OTHERWISE NOTED.
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GPR Investigation for Old excavations/disturbed soil

Line scans were performed within the work study area to locate the position or presence of disturbed soil using Ground Penetrating Radar (GSSI utility scan 300MHz).

Conclusions

Data was reviewed in real time via the processor and digital display.

GPR signal penetration on this site was approximately 1.3-1.5 m.

Two GPR anomalous zones were observed in the GPR data that suggests the presence of a possible old excavation or disturbed soil.

See Sketch for Details.

Notes and Limitations

GPR Line scans performed in scan area.

Silt or Clay type soils may limit the effectiveness of the GPR.

Heavy road salt use in the work area may limit the effectiveness of the GPR.

The interpretation of the real time geophysical data is not unique and may not represent the actual objects present on site

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DOCUMENTS TO BE USED WITH THIS LOCATE: PRIVATE LOCATE GUIDELINE (OWN YOUR SAFETY, 2021) DAMAGE PREVENTION FOR THE PROTECTION OF UNDERGROUN INFRASTRUCTURE, (CSA Z-247-15, AUG 2016) GUIDELINE FOR EXCAVATING PROXIMITY OF UNDERGROUND DISTRIBUTION LINES (ESA, FEB 2021)	(If you would like a copy of any of these documents, please contact our office at the number above.)
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LOCATE METH- UTILITY LOCATE METHODS USED: <input checked="" type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> PASSIVE <input checked="" type="checkbox"/> INDUCTIVE SWEEP SEWER LINES: <input type="checkbox"/> TRACED <input type="checkbox"/> NOT TRACED <input checked="" type="checkbox"/> MH OR CB INVERTS MARKED WHERE FOUND / VISIBLE GEOPHYSICS: <input checked="" type="checkbox"/> EXTERIOR 250 MHz GPR LINE SCAN <input type="checkbox"/> EXTERIOR 250 MHz GPR GRID SCAN <input checked="" type="checkbox"/> INTERIOR 1,000 MHz GPR LINE SCAN <input type="checkbox"/> INTERIOR 1,000 MHz GPR GRID SCAN	ODS: PRIVATE DETECTABLE SERVICES FOUND: <input checked="" type="checkbox"/> AS SHOWN ON DRAWING <input type="checkbox"/> NONE
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SITE CONDITIONS / LIMITATIONS:
 IF THERE IS A LIMITATION INDICATED HERE, WRITTEN OR CHECKED, THERE IS AN **ELEVATED RISK** OF STRIKING A BURIED FACILITY. THE CLIENT REPRESENTATIVE IS TO NOTIFY ALL INVOLVED WITH THE PROJECT (INCLUDING AND NOT LIMITED TO ALL FIELD STAFF, PROJECT MANAGERS, THEIR CLIENT AND/OR PROPERTY OWNER OF THE SUBJECT PROPERTY IF THE SAME). ANY LIMITATION NOTED TRANSLATES INTO AN INCREASED RISK OF NOT FINDING ALL BURIED FACILITIES WITHIN THE WORK AREA.

AS-BUILT OR UTILITY DRAWINGS REQUESTED FROM: _____

SITE PLAN (SHOWING WORK AREA): Yes No PROPERTY AS-BUILT OR UTILITY DRAWINGS: Yes No SURVEY: Yes No

BUILDING ACCESS: Yes No NA SITE OPERATIONS PERSONNEL INTERVIEWED: Yes No NA

WEATHER: 2C Dry/Snow GROUND SNOW COVERED: Yes No

OBSTRUCTIONS: PARKED VEHICLES OVERGROWN VEGETATION PRODUCT STORAGE OTHER (specify): _____

LIST ANY OTHER LIMITATIONS:
 SEE AUXILLARY PAGE FOR NOTES AND LIMITATIONS



PREMIER LOCATES

BY SIGNING OR RECEIVING AN EMAILED COPY OF THIS LOCATE REPORT, THE CLIENT HAS READ, ACKNOWLEDGES AND AGREES TO THE FOLLOWING:

EXCAVATOR
AN EXCAVATOR IS ANY PERSON, PARTNERSHIP, CORPORATION, PUBLIC AGENCY, AGENT, OR OTHER ENTITY THAT IS RESPONSIBLE FOR CARRYING OUT A GROUND DISTURBANCE.

GROUND DISTURBANCE / EXCAVATE
GROUND DISTURBANCE OR EXCAVATE MEANS ANY WORK, OPERATION, OR ACTIVITY ON OR UNDER THE EXISTING SURFACE RESULTING IN A DISTURBANCE OR DISPLACEMENT OF THE SOILD OR GROUND COVER. GROUND DISTURBANCE OR EXCAVATE CAN INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: DIGGING; EXCAVATION; TRENCHING; DITCHING; TUNNELING; BORING/DRILLING/PUSHING; AUGERING; TOPSOIL STRIPPING; LAND LEVELLING/GRADING; FLOWING TO INSTALL UNDERGROUND INFRASTRUCTURE; TREE PLANTING; CLEARING AND STUMP REMOVAL; SUBSOILING; BLASTING/USE OF EXPLOSIVES; QUARRYING; GRINDING AND MILLING OF ASPHALT/CONCRETE; SEISMIC EXPLORATION; DRIVING FENCE POSTS, BARS, RODS, PINS, ANCHORS, OR PILLING; AND, CROSSING OF BURIED PIPELINES OR OTHER UNDERGROUND INFRASTRUCTURE BY HEAVY LOADS OFF THE TRAVELLED PORTION OF A PUBLIC ROADWAY.

LIMIT OF LOCATE
THE EXCAVATOR MUST NOT WORK OUTSIDE THE INDICATED LOCATE AREA WITHOUT FURTHER LOCATES BY PREMIER LOCATES INC. (SUBSEQUENTLY REFERRED TO AS "PLI").

MULTIPLE EXCAVATORS
WHEN A LOCATE IS BEING PROVIDED FOR MORE THAN ONE PARTY WORKING ON THE PROJECT, THE PERSON NAMED ON THIS LOCATE REPORT IS CONSIDERED TO BE ACTING ON BEHALF OF THE EXCAVATOR IN ACCEPTING AND ENSURING THE EXCAVATOR RECEIVES A COPY OF THIS LOCATE.

VALIDITY OF LOCATE
THIS LOCATE IS ONLY VALID FOR 60 DAYS UNLESS STATED OTHERWISE ON THE LOCATE REPORT. A RE-MARK OF SURFICIAL MARKINGS PLACED ON THE SITE BY PLI MUST BE OBTAINED PRIOR TO ANY EXCAVATION IF: THE DATE OF EXCAVATION IS PAST THE VALIDATION PERIOD; MARKINGS BECOME UNCLEAR, DISAPPEAR, ARE DISTURBED OR DISPLACED; THE SKETCH AND SITE MARKINGS DO NOT COINCIDE; THE WORK LOCATION HAS CHANGED; AND, IF ANYTHING OCCURS WHICH MAY INDICATE THAT A NEW, BETTER, OR DIFFERENT LOCATE SERVICE IS NEEDED.

GROUND MARKINGS
IF THE MARKINGS DISAPPEAR OR ARE DISPLACED OR SHOULD SKETCH MARKINGS NOT COINCIDE WITH GROUND MARKINGS. THE PRIVATE LOCATE IS INVALID AND PLI WILL NEED TO BE CONTACTED TO EITHER REFRESH THE MARKINGS OR FIX ANY DISCREPANCY.

LEGAL REQUIREMENTS
YOU ARE REQUIRED BY LAW TO HAVE ALL BURIED PUBLIC AND PRIVATE UTILITIES LOCATED AND MARKED IN THE VICINITY OF ANY WORK BEFORE PERFORMING ANY TYPE OF EXCAVATION OR DRILLING ACTIVITIES. YOU MUST HAVE VALID PUBLIC LOCATES FOR YOUR WORK AREA. FINES AND PENALTIES BY PUBLIC AUTHORITIES CAN BE GIVEN IF WORKING WITH EXPIRED LOCATES.

PUBLIC LOCATES
ANY PUBLIC UTILITY OWNED SERVICES (GAS, TELEPHONE, CABLE TV, HYDRO, WATER, SEWER, ETC.) WITHIN THE LIMITS OF THIS LOCATE AND SHOWN ON THIS LOCATE REPORT, ARE FOR REFERENCE ONLY. THESE PUBLIC UTILITIES HAVE BEEN MARKED BY OTHERS OR MARKED BY PLI WITH PINK PAINT. ANY BURIED UTILITIES MARKED IN PINK WITHIN THE LOCATE AREA, ARE FOR SURVEY PURPOSES ONLY, AND REQUIRE A PUBLIC LOCATE BEFORE EXCAVATING. IT IS THE RESPONSIBILITY OF THE CLIENT TO ENSURE AND VERIFY THAT THE INTENDED WORK ARE COINCIDES WITH THE WORK AREAS DRAWN OR DESCRIBED ON ALL PUBLIC AND PRIVATE UTILITY LOCATE REPORTS.

SCOPE OF WORK
THIS PRIVATE LOCATE REPORT IS BASED ON INFORMATION GIVEN AT THE TIME OF THE LOCATE. ANY CHANGES TO THE LOCATION OR SCOPE OF WORK REQUIRES A NEW LOCATE REPORT.

BUILDING AND/OR SERVICE ROOM ACCESS
SOME CABLES OR PIPES MAY NOT BE DETECTED OR LOCATED IF DIRECT PHYSICAL ACCESS TO BUILDING SERVICE ROOMS ARE NOT PROVIDED AT THE TIME OF THE LOCATE.

PHYSICAL LIMITATIONS
IF THERE ARE ANY PHYSICAL LIMITATIONS AT THE SITE (I.E. SNOW-COVERED GROUND, PARKED CARS, EQUIPMENT OR MATERIALS, ETC. CONGESTING THE AREA TO BE LOCATED), THE CLIENT IS HEREBY MADE AWARE AND ACKNOWLEDGES THAT SOME CABLES OR PIPES MAY NOT BE DETECTED OR LOCATED IF THE LOCATE AREA IS NOT CLEAR OF THESE OBSTRUCTIONS AT THE TIME OF THE LOCATE.

INTERIOR LOCATES
DUE TO BUILDING INTERFERENCES, CONGESTION, AND HIDDEN OR INACCESSIBLE ELECTRICAL CONDUITS OR PIPES, SOME CABLES OR PIPES MAY OR MAY NOT BE DETECTED WITH THE EQUIPMENT EMPLOYED BY PLI. PLI USES GROUND PENETRATING RADAR (GPR) WITH A 1000 MHZ ANTENNA ALONG WITH ELECTROMAGNETIC CABLE LOCATE EQUIPMENT WHILE PERFORMING INTERIOR PRIVATE LOCATES. SEWER LINES INSIDE BUILDINGS MAY NOT BE VISIBLE WITH GPR IF THEY ARE DEEPER THAN 2 FEET OR ARE COMPRISED OF A MATERIAL SUCH AS PLASTIC OR CLAY THAT ARE NOT VISIBLE TO GPR.

SANITARY AND STORM SEWERS
PLI USES A CCTV CAMERA WITH BUILT-IN SONDE TO LOCATE SEWER LINES PROVIDED: SEWER DRAWINGS HAVE BEEN PROVIDED TO PLI FROM THE PRIVATE LANDOWNER; THERE IS SUFFICIENT ACCESS TO THE SEWER LINE THAT DOES NOT REQUIRE CONFINED SPACE ENTRY; AND, THE SEWER LINE IS ON PRIVATE PROPERTY. IF A MANHOLE OR CATCHBASIN IS SHOWN ON A DRAWING OR FOUND DURING THE LOCATE, PLI WILL ATTEMPT TO OPEN THEM, MARK THE INVERT DIRECTION, AND USE A CCTV CAMERA WITH SONDE TO LOCATE THE LINE IF SO REQUESTED BY THE CLIENT. IF PLI IS UNABLE OPEN THE MH OR CB, DETERMINE THE DIRECTION OF THE INVERTS, OR LOCATE THE BURIED LINE, IT WILL BE INDICATED AS A LIMITATION AND NOTED ON THE LOCATE REPORT. THE CLIENT ALSO ACKNOWLEDGES THAT TRUNK SEWER AND WATER MAINS MAY NOT BE DETECTABLE AND REQUIRE A PUBLIC LOCATE IF WITHIN AN EASEMENT ON PRIVATE PROPERTY.

UNDERGROUND STORAGE TANKS AND ASSOCIATED EQUIPMENT
PLI DOES NOT LOCATE UNDERGROUND STORAGE TANKS OR ANY ASSOCIATED EQUIPMENT UNLESS GROUND PENETRATING RADAR AND/OR AN EM61 TIME DOMAIN METAL DETECTOR IS EMPLOYED AT THE TIME OF THE LOCATE. THE CLIENT ALSO HAS BEEN MADE AWARE OF AND ACKNOWLEDGES THAT ANY EXCAVATING OR DRILLING WITHIN PLI DEFINED CRITICAL AREAS (FOUND IN THE MEMBER LOGIN AREA AT WWW.PREMIERLOCATES.CA) AROUND ANY UNDERGROUND PETROLEUM EQUIPMENT AND STRUCTURES SUCH AS UNDERGROUND STORAGE TANKS (USTS) AND FUEL DISPENSERS; AND, WITHIN THE AREA BETWEEN USTS, PUMP DISPENSERS AND FUEL KIOSK, REQUIRES HAND DIGGING OR SOFT DIGGING WITH VACUUM EXCAVATION EQUIPMENT TO EXPOSE THE WORK AREA.

- LIMITATIONS**
- THE TECHNOLOGIES EMPLOYED BY PLI TO TRACE AND MARK BURIED FACILITIES ARE COMPLIANT WITH ACSE STANDARD 38-02 LEVEL B, WHICH ARE ASSIGNED TO HAVE A MODERATE RISK. THESE GEO-PHYSICAL METHODS ARE NOT 100% EFFECTIVE AND CANNOT DETECT ALL BURIED SERVICES SINCE THERE ARE TOO MANY VARIABLES THAT CAN WORK AGAINST THE EQUIPMENT. IT MAY NOT BE POSSIBLE TO ABSOLUTELY "CLEAR" REGARDLESS OF THE SKILL, EFFORT, OR TECHNOLOGIES USED BY PLI. LOCATING METHODS USED BY PLI ONLY HELPS REDUCE RISK OF STRIKING A BURIED UTILITY AND DOES NOT ELIMINATE THE RISK. IF PRECISE HORIZONTAL AND VERTICAL LOCATIONS OF BURIED FACILITIES ARE NEEDED, THEN ACSE STANDARD 38-02 QUALITY LEVEL A METHODS WOULD NEED TO BE EMPLOYED. QUALITY LEVEL A METHODS INVOLVE THE ACTUAL EXPOSURE OF A FACILITY BY MEANS OF EITHER HAND DIGGING OR THE USE OF VACUUM EXCAVATION SYSTEMS.
 - SOME CABLES OR PIPES MAY NOT BE DETECTABLE OR LOCATED ACCURATELY DUE TO DEPTH, LACK OF OR MALFUNCTIONING TRACER WIRES, MATERIAL MAKEUP, CONFINED SPACES, OR INABILITY TO CONNECT PROPERLY. THIS MAY BE COMPOUNDED BY THE LACK OF ACCESS OR ACCESS TOO FAR FROM THE AREA TO BE TRACED.
 - THE LOCATION AND MARKING OF BURIED FACILITIES BY THE PLI LOCATE TECHNICIAN FOR THE CLIENT REPRESENTATIVE IS FOR THE CONVENIENCE OF THAT SAID APPLICANT ONLY AND DOES NOT RELIEVE SAID APPLICANT, OR ANY PERSON OR CORPORATION, FROM LIABILITY FOR DAMAGES OR PERSONAL INJURY INCLUDING DEATH TO ANY PERSON OR FOR PROPERTY DAMAGE CAUSED TO THE SAID PLANT OR TO ANY OTHER PROPERTY. BY REASON OF THE SAID APPLICANT, OR ANY OTHER PERSON OR CORPORATION, HAVING RELIED UPON THE LOCATION AND MARKING OF FACILITIES BY PLI.
 - IF THERE ARE ANY LIMITATIONS NOTED ON THE LOCATE REPORT AND/OR SITE SERVICES CHECKLIST, THE CLIENT ACCEPTING THIS LOCATE REPORT MUST INFORM ALL INVOLVED WITH THE PROJECT OF THE LIMITATION INCLUDING AND NOT LIMITED TO: ALL FIELD STAFF; PROJECT MANAGERS; THEIR CLIENT; AND THE PROPERTY OWNER OF THE SUBJECT PROPERTY. THE PROPERTY OWNER IS ULTIMATELY RESPONSIBLE FOR THEIR BURIED FACILITIES AND SHOULD HAVE THE FINAL DECISION IN HOW TO EXCAVATE NEAR THEIR BURIED FACILITIES IF THEY CANNOT BE ACCURATELY LOCATED AND MARKED. WHOEVER ACCEPTS THE LIMITATION CLAIMS RESPONSIBILITY IF A BURIED FACILITY IS DAMAGED AS A RESULT OF THE LIMITATION.
 - THE PRIVATE UTILITY LOCATE PREPARED BY PLI IS FOR THE USE OF THE CLIENT. IF THE CLIENT'S PROVIDES THE LOCATE REPORT TO A SUB-CONTRACTORS FOR RELIANCE, THE SUB-CONTRACTOR MUST BE GIVEN A COPY OF THE LOCATE REPORT AND NOTIFIED OF ANY LIMITATIONS NOTED WITHIN THE LOCATE REPORT.

THE PERSON ACCEPTING THIS PRIVATE UTILITY LOCATE REPORT, AGREES THAT THEY FULLY UNDERSTAND ALL OF THE INFORMATION PRESENTED IN THE LOCATE REPORT, SITE SERVICES CHECKLIST, AND CLIENT COMPANY ACKNOWLEDGEMENT.

THE CLIENT WARRANTS THAT PLI IS NOT LIABLE FOR ANY CLAIMS FOR DAMAGES TO ANY UNDERGROUND FACILITY WHERE PLI WAS NOT NOTIFIED OF SUCH DAMAGE FORTHWITH, SUCH THAT PLI CAN COMPLETE A DAMAGE INVESTIGATION TO PHYSICALLY VIEW ANY SUCH DAMAGED UNDERGROUND FACILITY WHETHER OR NOT ANY SUCH DAMAGE MAY ATTRIBUTED TO ERRORS OR OMISSIONS COMMITTED BY PLI IN PERFORMING THE WORK.

PLI SHALL NOT BE LIABLE FOR ANY AMOUNT IN EXCESS OF THE FEES PAID BY THE CLIENT TO PLI FOR THE SERVICE ON ACCOUNT OF ANY LOSS, INJURY, DEATH OR DAMAGE WHETHER RESULTING DIRECTLY OR INDIRECTLY TO A PERSON OR PROPERTY IRRESPECTIVE OF THE CAUSE OR ORIGIN OF SUCH LOSS, INJURY, DEATH OR DAMAGE INCLUDING, WITHOUT LIMITATION, LOSS, INJURY, DEATH OR DAMAGE ATTRIBUTABLE TO THE NEGLIGENCE OF PLI, ITS EMPLOYEES AND AGENTS IN THE PERFORMANCE OR NON-PERFORMANCE OF THE SERVICE.

CLIENT COMPANY ACKNOWLEDGEMENTS - GPR & EM61

BY SIGNING OR RECEIVING AN EMAILED COPY OF THIS LOCATE REPORT, THE CLIENT HAS READ, ACKNOWLEDGES AND AGREES TO THE FOLLOWING:

DATA PRESENTATION

THE GEOPHYSICAL DATA WERE ACQUIRED AT THE STATION SPACING AND ON THE DATE AS SHOWN ON THE FRONT OF THIS SHEET.

THE INTERPRETATION OF THE GROUND PENETRATING RADAR (GPR) AND/OR EM61 IS PRESENTED ON THE SKETCH ON THE FRONT OF THIS SHEET AND WITH PAINT MARKS IN THE WORK STUDY AREA.

THE GPR AND EM61 DATA ARE PRESENTED ALONG A SURVEY LINE, DISPLAYED FROM LEFT TO RIGHT. THE GPR DATA IS A REPRESENTATIVE IMAGE OF THE GPR SIGNAL AMPLITUDE AND IS NOT AN IMAGE OF THE SUBSURFACE. THE GPR SIGNAL PENETRATION DEPTH IS NOTED ON THE FRONT OF THIS SHEET. THE STANDARD EM61 CANNOT DETECT SINGLE OBJECTS AND DEPTHS MUCH GREATER THAN 3-4 METERS.

GEOPHYSICAL DATA RECORDED ON-SITE IS RE-EXAMINED AFTER THE COMPLETION OF THE SURVEY AND A SUPPLEMENTAL REPORT WILL BE SENT IF COMPUTER ANALYZED DATA DIFFERS FROM THE FIELD TECHNICIANS INTERPRETATION.

TECHNICAL LIMITATIONS

THE INTERPRETATION OF THE GEOPHYSICAL DATA OBTAINED DURING THE INVESTIGATION IS INTENDED FOR THE GUIDANCE OF THE CLIENT ONLY. SHOULD THIS INTERPRETATION OF THE DATA BE USED DURING ANY SUBSEQUENT PROGRAMS, THE USER MUST BE AWARE OF THE FOLLOWING INTERPRETIVE RESTRICTIONS:

THE CLIENT ACKNOWLEDGES THAT THE LAWS OF FUNDAMENTAL PHYSICS APPLY AND DO NOT ENABLE PREMIER LOCATES INC. (PLI) LOCATING EQUIPMENT TO DETECT ALL UTILITIES, OBJECTS, FEATURES, AND STRUCTURES OR TO PROVIDE ALL COORDINATES OF THE POSITION THEREOF. PIPE, CABLE, CONDUIT, UTILITIES, OBJECTS, FEATURES OR STRUCTURES WHICH ARE NOT DETECTABLE (I.E. NOT "LOCATABLE") BECAUSE OF THE LAWS OF FUNDAMENTAL PHYSICS CANNOT BE LOCATED BY PLI AND ARE NOT THE SUBJECT OF THE PROVISION OF THE "SERVICE" PURSUANT TO THIS CONTRACT.

THE "SERVICE" PROVIDED TO THIS CONTRACT IS THE LOCATION, Laterally and longitudinally, of utilities, objects, features or structures and the subsequent marking of the site according to the standard subsurface utility locating industry practice. The depth and/or size of pipe, cable, conduits, utilities, objects, features and structures is recorded only if the client has requested prior to the start of the survey.

A "DETECTABLE FEATURE" DEFINED BY THIS INVESTIGATION MAY CONSIST OF A CABLE, WIRE, PIPE, CONDUIT, STRUCTURE OR OTHER OBJECT CONTAINED WITHIN THE SUBSURFACE. DIFFERENTIATION BETWEEN THESE TYPES OF FEATURES IS NOT PROMISED NOR GUARANTEED. A FEATURE IS ONLY DETECTABLE IF THE SUBSURFACE ALLOWS THE GPR SIGNAL TO PROPAGATE DEEP ENOUGH TO DEFINE THE FEATURE. GPR PENETRATION INTO THE SUBSURFACE VARIES DEPENDING UPON THE SUBSURFACE CONDITIONS AND IS NOT CONTROLLED BY THE RADAR EQUIPMENT OR THE TECHNICIAN'S ABILITY. LIMITED PENETRATION IS CAUSED BY HIGH-CONDUCTIVITY MATERIALS SUCH AS CLAY AND SILT SOILS AND SOLIDS THAT ARE SALT CONTAMINATED. PERFORMANCE IS ALSO LIMITED BY SIGNAL SCATTERING IN HETEROGENEOUS CONDITIONS (E.G. ROCKY SOILS, LARGE TREE ROOTS, CONSTRUCTION DEBRIS ETC.), SNOW, DISSOLVED SOLIDS, MOISTURE, Voids, AND FEATURES HAVING A SIGNIFICANT ELECTROMAGNETIC VARIANCE.

ACCURACY OF INFERRED BURIED DETECTABLE FEATURES WILL VARY DUE TO SUBSURFACE SOIL CONDITIONS AND SURFACE CONDITIONS (I.E. LOOSE DIRT, ICE, SNOW, TALL GRASS, AND WATER).

PLI IS NOT LIABLE FOR DAMAGES, IF ANY, RESULTING FROM PHYSICAL EXPOSURE OF ANY 'DETECTABLE FEATURES' BY THE CLIENT, OR THEIR REPRESENTATIVES, OR THEIR SUB-CONTRACTORS, OR ANY OTHER PERSON, OR CORPORATION, BASED ON THE INFORMATION PROVIDED.

AREAS CONSIDERED TO BE INACCESSIBLE (AN "INACCESSIBLE AREA") FOR THE SERVICE INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: THOSE OF PHYSICALLY RESTRICTED ACCESS; THOSE COVERED BY A STRUCTURE OR OBJECT (I.E. BUILDING WALLS, VEHICLES, EQUIPMENT, DEBRIS, STOCKPILES OF MATERIAL OR SNOW ETC.); THOSE COVERED BY OPEN WATER; THOSE COVERED BY WOODS OR VEGETATION TOO THICK TO PERMIT EASY WALKING; THOSE WITH SURFACE TERRAIN SLOPES STEEPER THAN 1:3; AND, THOSE WHERE THE SAFETY OF THE TECHNICIAN IS JEOPARDIZED (I.E. UNSTABLE FOOTING, ENVIRONMENTAL HAZARDS, UNCONTROLLED ROADS, ETC.). THE JUDGEMENT OF THE PLI TECHNICIAN WILL PREVAIL ON ACCESSIBILITY DECISIONS.

IT IS THE RESPONSIBILITY OF THE CLIENT TO PROVIDE DIRECT AND SIMPLE ACCESS FREE FROM SURFACE OBJECTS TO ANY AND ALL SURVEY AREAS. PLI ACCEPTS NO RESPONSIBILITY FOR SURVEYING IN ANY AREAS WHERE THE CLIENT DOES NOT PROVIDE ACCESS AND/OR APPROPRIATE WORKPLACE SAFETY MEASURES. AREAS CONSIDERED TO BE INACCESSIBLE FOR SCANNING AND MARKING, ASIDE FROM RESTRICTED ACCESS, INCLUDE THE FOLLOWING, BUT NOT LIMITED TO: WITHIN 1.0 M OF A STRUCTURE OR OBJECT (I.E. WALLS, VEHICLES, EQUIPMENT, DEBRIS, STOCKPILES OF MATERIALS, ETC.).

THE EM61 AND/OR EM31 RESPONSES OF TARGETS MAY BE DETECTED ONLY IF THEY ARE GREATER THAN THE BACKGROUND NOISE LEVELS. GEOPHYSICAL NOISE (NOT SENSOR SENSITIVITY) IS THEREFORE THE LIMITING FACTOR IN DETERMINING THRESHOLDS AND DETECTION DEPTHS.

LIMITS OF PREMIER LOCATES INC. LIABILITY

ANY INFORMATION PROVIDED BY PLI REGARDING THE LOCATION OF UNDERGROUND UTILITIES BY GPR AND/OR EM61 AND/OR EM31, DOES NOT SUBSTITUTE FOR A FULL PRIVATE UTILITY LOCATE PERFORMED BY PLI. THE SERVICE IS PROVIDED TO ASSIST WITH EXCAVATION PLANNING ONLY. THE CLIENT IS ALWAYS RESPONSIBLE FOR OBTAINING SANCTIONED LOCATES FROM THE OWNERS OF UNDERGROUND PLANT SUCH AS ELECTRIC CABLES, NATURAL GAS, ANY TYPE OF PIPELINE, TELECOMMUNICATIONS, CABLE TV, FIBRE-OPTIC CABLES, WATER, SEWER, OIL, STEAM, ETC. THE CLIENT MUST CONTACT THE UTILITY OWNERS DIRECTLY, OR THEIR CALL CENTRE, TO FACILITATE THESE LOCATES.

PLI MARKING OF UNDERGROUND FEATURES IS ONLY FOR THE CONVENIENCE OF THE CLIENT, AND THIS DOES NOT RELIEVE THE CLIENT, OR ANY OTHER PERSON, OR CORPORATION, FROM LIABILITY FOR DAMAGES FOR PERSON INJURY INCLUDING DEATH, OR FOR PROPERTY DAMAGE OR LIABILITY CAUSED TO OR FROM ANY UNDERGROUND UTILITY, WITHIN THE AREA ON THE PROPERTY WHERE THE UNDERGROUND UTILITY AND/OR CLEARANCE WAS MARKED, OR ANY OTHER PROPERTY, BY REASON OF THE CLIENT, ITS REPRESENTATIVES, OR ANY OTHER PERSON, OR CORPORATION HAVING RELIED UPON THE SURFACE MARKING PROVIDED BY PLI.

PLI IS NOT LIABLE FOR DAMAGES RESULTING FROM PHYSICAL EXPOSURE OF ANY UNDERGROUND FEATURES BY THE CLIENT, ITS REPRESENTATIVES, THEIR SUB-CONTRACTORS OR ANY OTHER PERSON OR CORPORATION.

THE SERVICE COMPLETED BY PLI IS BASED ON INFORMATION PROVIDED BY THE CLIENT AT OR PRIOR TO THE EARLIER OF THE TIME WHEN THE SERVICE IS DESCRIBED IN THIS CONTRACT OR THE PERFORMANCE OF THE SERVICE. THE SERVICE PROVIDED BY PLI REGARDING THE LOCATION OF ANY UNDERGROUND UTILITY, OBJECT OR STRUCTURE, IS ON A BEST EFFORT AND BEST PRACTICES BASIS.

A RE-MARK OF SURFICIAL MARKINGS PLACED ON THE SITE BY PLI MUST BE OBTAINED PRIOR TO ANY EXCAVATION IF:

- MARKINGS BECOME UNCLEAR, DISAPPEAR, ARE DISTURBED OR DISPLACED;
- THE SKETCH AND SITE MARKINGS DO NOT COINCIDE;
- THE WORK LOCATION HAS CHANGED;
- IF ANYTHING OCCURS WHICH MAY INDICATE THAT A NEW OR BETTER OR DIFFERENT LOCATE SERVICE IS NEEDED.

IF THE CLIENT EXCAVATES OUTSIDE THE LIMIT OF LOCATE AREA, PLI ACCEPTS NO RESPONSIBILITY.

THE CLIENT WARRANTS THAT PLI IS NOT LIABLE FOR ANY CLAIMS FOR DAMAGES TO ANY UNDERGROUND PLANT WHERE PLI WAS NOT NOTIFIED OF SUCH DAMAGE FORTHWITH SUCH THAT PLI CAN COMPLETE A DAMAGE INVESTIGATION TO PHYSICALLY VIEW ANY SUCH DAMAGED UNDERGROUND PLANT WHETHER OR NOT ANY SUCH DAMAGE MAY BE ATTRIBUTED TO ERRORS OR OMISSIONS COMMITTED BY PLI IN PERFORMING THE WORK.

PLI SHALL NOT BE LIABLE FOR ANY AMOUNT IN EXCESS OF THE FEES PAID BY THE CLIENT TO PLI FOR THE SERVICE ON ACCOUNT OF ANY LOSS, INJURY, DEATH OR DAMAGE WHETHER RESULTING DIRECTLY OR INDIRECTLY TO A PERSON OR PROPERTY IRRESPECTIVE OF THE CAUSE OR ORIGIN OF SUCH LOSS, INJURY, DEATH OR DAMAGE.