SUANNE DREES



## TERMS AND CONDITIONS

- THIS DRAWING IS INTENDED TO DOCUMENT MARKINGS AND COMMENTS AS INTERPRETED BY GROUND PENETRATING RADAR SYSTEMS (GPRS). GPRS PROVIDES UTILITY LOCATION SERVICES IN ACCORDANCE WITH ASCE STANDARD 38-02, QUALITY LEVEL "B" THAT INCLUDES GROUND PENETRATING RADAR (GPR) SERVICES. GPR IS A GOOD TOOL FOR UTILITY LOCATING; HOWEVER, IT IS NOT WITHOUT ITS LIMITATIONS. IN GENERAL, THE MAXIMUM DEPTH PENETRATION IS 3-7' DEEP, HOWEVER, THIS DEPTH IS COMPLETELY DEPENDENT ON THE COMPOSITION OF SOILS IN THE AREA BEING SURVEYED. CUSTOMER FULLY UNDERSTANDS THAT FOR EVERY FOOT IN DEPTH PENETRATION WITH THE GPR EQUIPMENT, THE PIPE/UTILITY MUST BE AT LEAST 1" IN DIAMETER TO BE LOCATED. FOR EXAMPLE, AT 4 FEET IN DEPTH, THE PIPE/UTILITY MUST BE 4" OR LARGER TO BE DETECTED. SOME TYPES OF PIPES ARE VERY DIFFICULT TO LOCATE, SUCH AS CLAY OR CONCRETE PIPES, AND EMPTY PVC TYPE PIPES. GIVEN THESE FACTORS, GPRS CANNOT GUARANTEE IT WILL BE ABLE TO LOCATE ALL UTILITIES ON SITE.
- GPRS DOES NOT PROVIDE LAND SURVEY, OR CIVIL ENGINEERING DATA COLLECTION OR DOCUMENTATION.
- COLLECTED INFORMATION IS SUBJECT TO GPS/GIS HAND HELD MAPPING UNIT ACCURACY (SUB-METER).
- 4. OUR GOAL IS TO PROVIDE YOU WITH THE ANSWERS TO YOUR QUESTIONS REGARDING WHAT LIES BELOW THE SURFACE, AND WHERE IT IS LOCATED. CUSTOMER ACKNOWLEDGES IT UNDERSTANDS THAT OUR ANSWERS ARE BASED UPON THE QUALITY OF THE DATA RETRIEVED AND ARE WHAT GPRS BELIEVES LIES BELOW THE SURFACE. THE DECISION TO PROCEED WITH CUTTING, CORING, DRILLING, BORING, OR EXCAVATION IS LEFT ENTIRELY UP TO THE CUSTOMER.
- GPRS DOES NOT ACCEPT LIABILITY FOR AN INACCURATE INTERPRETATION OR ANY OTHER REASON, AND CUSTOMER AGREES TO RELEASE AND INDEMNIFY GPRS AND ITS OWNERS AND AGENTS FROM ALL LOSSES AND DAMAGES FROM ALL ALLEGED NEGLIGENCE AND/OR CONTRACT CLAIMS BY CUSTOMER OR ANY THIRD PARTY. THESE TERMS AND CONDITIONS SUPERSEDE ANY/ALL OTHER TERMS AND CONDITIONS EITHER ORAL OR

## LEGEND

DATA/COMMUNICATION ELECTRICAL

STORM SEWER

SANITARY SEWER GAS

UNKNOWN

MANHOLE LIGHT POLE

> ELEC BOX DRAIN

**CLEAN OUT** CATCH BASIN

STORM SEWER MH VALVE

HYDRANT POINT

DEPTH

GPRS SCAN RESULTS

PLAN - AERIAL WEST

DRAWN BY

SUANNE DREES

**TECHNICIAN** 

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318-464-4991 3/29/2018

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