

PLAN OF SURVEY OF PART OF LOT 1 CONCESSION 11
GEOGRAPHIC TOWNSHIP OF CUMBERLAND CITY OF OTTAWA

METRIC DISTANCES AND/OR COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

BEARINGS ARE UTM GRID, DERIVED FROM REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 18, NAD83 (CSRS)

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999610. FOR BEARING COMPARISONS, A ROTATION OF 1°04'07" CLOCKWISE WAS APPLIED TO BEARINGS ON PLAN P1, P2 AND P3 TO ROTATE TO NAD83 UTM 18.

ELEVATIONS

ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM (CGD28:78) AND ARE DERIVED FROM THE PUBLISHED BENCH MARK No. 001196530238 HAVING A PUBLISHED ELEVATION OF 86.647 METRES.

SURVEY MONUMENT FOUND
SURVEY MONUMENT SET
SHORT STANDARD IRON BAR
CONCRETE PIN
PLASTIC BAR
CUT CROSS
WITNESS
MEASURED
PLAN 4R-19914
PLAN 4R-21156
SURVEYORS REAL PROPERTY REPORT BY ANNIS,
O'SULLIVAN, VOLLEBEKK LTD., DATED MAY 30, 2006
J.D. BARNES LIMITED
ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
GAS METER
HANDWELL
BOLLARD
SPRINKLER VALVE

BOLLARD
SPRINKLER VALVE
UNDERGROUND STORM SEWER
UNDERGROUND GAS LINE
UNDERGROUND WATER LINE
UNDERGROUND HYDRO LINE
UNDERGROUND TELEPHONE LINE
UNDERGROUND FIBRE OPTIC LINE
CATCHBASIN
DOUBLE SIDE INLET CATCHBASIN
FIRE HYDRANT
WATER VALVE
HYDRO TRANSFORMER
LIGHT STANDARD
TELEPHONE PEDESTAL
ENDCAP DENOTES DECIDUOUS TREE

DENOTES CONIFEROUS TREE

ALL SET PB MONUMENTS WERE USED DUE TO LACK OF OVERBURDEN AND/OR PROXIMITY OF UNDERGROUND UTILITIES IN ACCORDANCE WITH SECTION 11 (4) OF O.REG. 525/91.

SEWER INVERT DATA TABLE

мн/св	DIRECTION	DIAMETER	INVERT	TOP OF LID/ GRATE ELEV.	INVERT ELEVATION	NOTES
CB#1	NE W	300 200	1.87 1.85	87.76	85.89 85.91	
CB#2	s	200	1.86	87.73	85.87	
CB#3	NE	200	1.47	88.09	86.62	
CB#4	SE	200	1.47	87.66	86.19	
CB#5	SW	200	1.47	87.66	86.19	
STM MH#1	NW N SE SW SW	200 200 375 200 200	1.95 1.75 1.96 1.93 1.90	87.90	85.95 86.15 85.94 85.97 86.00	
SAN MH#1	*N *S *SW	*150 *200 *150	N/A N/A N/A	87.90	N/A N/A N/A	COULD NO OPEN
SAN MH#2	N *NE *SE	200 <i>*200</i> <i>*200</i>	2.45 N/A N/A	87.82	85.37 N/A N/A	RECESSED RECESSED

SEWER INVERT NOTE:

SEWER INVERT DEPTHS ARE MANUALLY MEASURED FROM THE LID/GRATE OF THE GIVEN FEATURE. ANNOTATIONS DISPLAYED AS *ITALICIZED* WITH AN ASTERISK* HAVE BEEN INTERPOLATED FROM RECORDS AND WERE NOT FIELD VERIFIED BY ONSITE LOCATES INVERT DEPTH MEASUREMENTS ARE FROM THE ASSUMED BOTTOM OF THE FACILITY STRUCTURE. DEPTHS ARE NOT SUITABLE FOR EXCAVATION PURPOSES. SEWER NETWORK CONNECTIONS WERE COMPILED WHERE FIELD EVIDENCE COINCIDED WITH AS-BUILT RECORDS WHERE NO DEPTH INFORMATION COULD BE OBTAINED, UTILITIES ARE ASSUMED TO BE AT STANDARD INSTALLATION DEPTH FOR THE SPECIFIC TYPE OF UTILITY. THE MOST RELIABLE WAY TO PRECISELY DETERMINE THE HORIZONTAL AND VERTICAL LOCATION OF AN UNDERGROUND UTILITY IS THROUGH PHYSICAL EXPOSURE USING SAFE DIGGING TECHNIQUES (COMMONLY PERFORMED WITH HYDRO VACUUM

UNDERGROUND UTILITY NOTES THE UTILITY DATA DEPICTED ON THIS DRAWING WERE ACQUIRED IN ACCORDANCE WITH ASCE STANDARD 38-02. THE INFORMATION IS SHOWN BY ATTRIBUTED QUALITY LEVELS WHICH ARE DEFINED AS FOLLOWS: DATA QUALITY LEVEL

QUALITY LEVEL A ———— QUALITY LEVEL B - - - - - QUALITY LEVEL D

QUALITY LEVEL "A" - INFORMATION OBTAINED BY ACTUAL PHYSICAL EXPOSURE OF TARGETED UTILITIES AND SUBSEQUENT MEASUREMENT OF THE EXPOSED PRECISE HORIZONTAL AND VERTICAL POSITION. QUALITY LEVEL "B" - INFORMATION OBTAINED USING GEOPHYSICAL LOCATE TECHNIQUES TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF THE DESIGNATED UTILITIES. QUALITY LEVEL "C" - INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO THE QUALITY "D" INFORMATION OBTAINED. QUALITY LEVEL "D" - INFORMATION DERIVED FROM UTILITY RECORDS OR VERBAL RECOLLECTIONS

ALL SERVICES ARE QUALITY "D" UNLESS NOTED OTHERWISE.
LEVEL "D" RECORD INFORMATION SHOWN ON THIS PLAN HAVE BEEN PLOTTED
APPROXIMATELY AS PER THE RECORDS FOUND AND COULD NOT BE FIELD VERIFIED
WITHIN THE SCOPE OF THIS PROJECT. IF FURTHER VERIFICATION IS REQUIRED,
IT IS SUGGESTED THAT LEVEL "A" METHODOLOGIES BE EMPLOYED. LOST SIGNAL- DENOTES/INDICATES A POINT WHERE QL-B METHODS COULD NO LONGER ASCERTAIN THE HORIZONTAL POSITION OF A FACILITY. QUALITY LEVEL "D" INFORMATION COMPILED FROM RECORDS PROVIDED BY CITY OF OTTAWA FILE NAME 23-0774_4270_4290_INNES.DGN

CAUTION: CALL BEFORE YOU DIG THIS PLAN IS INTENDED FOR DESIGN PURPOSES ONLY. OTHER BURIED UTILITIES MAY EXIST WHICH ARE NOT SHOWN DUE TO INSUFFICIENT INFORMATION OR IMPROPER INSTALLATION. CONTACT ALL POTENTIAL OWNERS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION OR BREAKING GROUND.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR/BUILDER TO ENSURE THE APPROPRIATE LEGAL REQUIREMENTS ARE MET.

SURVEYOR'S CERTIFICATE
I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM. 2. THE SURVEY WAS COMPLETED ON JUNE 5, 2023.

ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-42142.

SUBSURFACE UTILITY FIELD WORK WAS COMPLETED ON THE 30TH DAY OF MAY, 2023

62 STEACIE DRIVE, SUITE 103, KANATA, ON K2K 2A9

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