



**PLAN OF SURVEY WITH TOPOGRAPHY OF PART OF LOT 19 CONCESSION 3 GEOGRAPHIC TOWNSHIP OF GOULBOURN CITY OF OTTAWA**

McINTOSH PERRY SURVEYING INC

SCALE 1 : 400  
0 10 20 30 40 Metres

THE INTENDED PLOT SIZE OF THIS PLAN IS 118mm IN WIDTH BY 1016mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1 : 400.

P.I.N. 03933-0011(LT)

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

**SURVEYOR'S CERTIFICATE**  
I CERTIFY THAT:  
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEY ACT AND THE REGULATIONS MADE UNDER THEM.  
2. THE SURVEY WAS COMPLETED ON THE 25TH DAY OF AUGUST, 2023.  
DATE: AUGUST 28, 2023  
*John Lauder*  
JOHN LAUTNER  
OTTAWA LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO ADSL PLAN SUBMISSION FORM NUMBER V-50120.

- LEGEND :**
- DENOTES MONUMENT PLANTED
  - DENOTES MONUMENT FOUND
  - DENOTES IRON BAR
  - DENOTES STANDARD IRON BAR
  - DENOTES SHORT STANDARD IRON BAR
  - (M) DENOTES MEASURED
  - (A) DENOTES SET
  - (4) DENOTES PLAN 4R-32299
  - (5) DENOTES PLAN SR-14318
  - (6) DENOTES PLAN 4R-7040
  - (64) DENOTES PLAN SR-6743
  - (116) DENOTES W.J. JOHNSTON, OLS
  - (1442) DENOTES JOHN H. KENNEDY LTD., OLS
  - (1692) DENOTES FAMILY, SMITH & OWEN SURVEYING LTD., OLS
  - (O) DENOTES ORIGIN UNKNOWN
  - WT DENOTES WITNESS
  - N,S,E,W DENOTES NORTH, SOUTH, EAST, WEST
  - BP DENOTES OBSERVED BENCHMARK POINT
  - RF DENOTES BOARD FENCE
  - DFW DENOTES POST & WIRE FENCE
  - BM DENOTES TELEPHONE & HYDRO POLE
  - DENOTES OVERHEAD WIRE
  - AN DENOTES ANCHOR
  - LS DENOTES LAMP STANDARD
  - AC DENOTES AIR CONDITIONING UNIT
  - HT DENOTES HYDRO TRANSFORMER
  - MB DENOTES MAINTENANCE HOLE
  - CB DENOTES CATCH BASIN
  - 1/2 DENOTES TOP OF GRATE
  - FF DENOTES FIRE HYDRANT
  - MW DENOTES MONITORING WELL
  - WP DENOTES CORRUGATED STEEL PIPE
  - HPPE DENOTES HIGH DENSITY POLYETHYLENE
  - TM DENOTES TEMPORARY BENCHMARK
  - DS DENOTES DOOR SILL ELEVATION
  - EV DENOTES ELEVATION
  - BOL DENOTES BOLLARD
  - LS DENOTES SIGN
  - DI DENOTES DIAMETER
  - GA DENOTES GATE
  - BUSH DENOTES BUSH

PART 3 PLAN SR-14318  
P.I.N. 03933-0010(LT)

**NOTES :**

**MONUMENTATION:**  
SSBS HAVE BEEN SET IN LIEU OF SBS DUE TO SHALLOW OVERBURDEN AND THE PRESENCE OF SUBSURFACE UTILITIES.

**DISTANCES:**  
DISTANCES SHOWN ON THIS PLAN ARE GROUND DISTANCES AND CAN BE USED TO COMPUTE GRID DISTANCES BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.99998.

**BEARINGS:**  
BEARINGS ARE WITH GRID BEARINGS, DERIVED BY REAL TIME NETWORK GNSS OBSERVATIONS ON OBSERVED REFERENCE POINTS 'A' AND 'B' SHOWN HEREON, AND ARE REFERRED TO THE NAD83 CSRS (ORIGINAL) MTM ZONE 9 COORDINATE SYSTEM.

**BEARING ROTATION:**  
FOR THE PURPOSE OF COMPARISON, ASTROMERIC BEARINGS HAVE BEEN ROTATED AS FOLLOWS:

PLAN	ROTATION	DIRECTION
(G3) & (P4)	1° 02' 55"	COUNTER CLOCKWISE

**INTEGRATION DATA:**  
OBSERVED REFERENCE POINTS (ORP) DERIVED FROM GNSS OBSERVATIONS USING THE CANMET REAL TIME NETWORK (RTN) SERVICE. COORDINATES ARE CONFIRMED BY THE NRCAN RTK COMPLIANCE AGREEMENT.  
COORDINATE SYSTEM : NAD83 CSRS (ORIGINAL), MTM ZONE 9  
COORDINATES TO URBAN ACCURACY PER SEC. 14 (2) OF O.REG. 216/10

POINT ID	NORTHING	EASTING
ORP 'A'	5003986.73	354947.82
ORP 'B'	5004263.41	355042.99

COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

**ELEVATIONS:**  
ELEVATIONS ARE CANADA GEODETIC VERTICAL DATUM 28/78 DERIVED BY REAL TIME NETWORK GNSS OBSERVATIONS REFERENCED TO THE CANADA HTL-2 GEOID MODEL.  
THE CONTOUR INTERVAL IS 0.25 METRES.

**BENCHMARKS:**  
TEMPORARY SITE BENCHMARK - TOP OF SOUTH BOLT ON LAMP STANDARD, HAVING AN ELEVATION OF 101.36m.

**CAUTION:**  
THE LOCATION AND CONFIGURATION OF UNDERGROUND SERVICES AND UTILITIES IS NOT WITHIN THE SCOPE OF THIS SURVEY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE CONFIGURATION AND LOCATION OF UNDERGROUND SERVICES AT THE SITE PRIOR TO CONSTRUCTION.