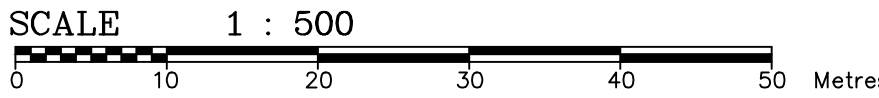


PLAN OF SURVEY
SHOWING TOPOGRAPHIC DETAIL
OF PART OF
LOT 8
CONCESSION 9
GEOGRAPHIC TOWNSHIP OF
HARVEY
MUNICIPALITY OF TRENT LAKES
COUNTY OF PETERBOROUGH

McINTOSH PERRY SURVEYING INC



THE INTENDED PLOT SIZE OF THIS PLAN IS 914mm IN WIDTH BY 609mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1 : 500.

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 SURVEYS ACT, THE SURVEYORS ACT, AND THE REGULATIONS MADE UNDER THEM
2. THE SURVEY WAS COMPLETED ON THE 28TH DAY OF JUNE, 2023.
AUGUST 15, 2023
DATE
JOHN GAUTHIER
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-50106.

LEGEND:		
□	DENOTES	MONUMENT PLANTED
■	DENOTES	MONUMENT FOUND
IB	DENOTES	IRON BAR
SIB	DENOTES	STANDARD IRON BAR
SSIB	DENOTES	SHORT STANDARD IRON BAR
RP	DENOTES	ROCK POST
N, S, E, W	DENOTES	NORTH, SOUTH, EAST, WEST
NE	DENOTES	NORTHEAST
NW	DENOTES	NORTHWEST
SE	DENOTES	SOUTHEAST
SW	DENOTES	SOUTHWEST
N.T.S.	DENOTES	NOT TO SCALE
ORP	DENOTES	OBSERVED REFERENCE POINT
(WT)	DENOTES	WITNESS
(S)	DENOTES	SET
(M)	DENOTES	MEASURED
R.P.	DENOTES	REGISTERED PLAN
S/T	DENOTES	SUBJECT TO
INST.	DENOTES	INSTRUMENT
No.	DENOTES	NUMBER
C/L	DENOTES	CENTRELINE
ALL.	DENOTES	ALLOWANCE
CON	DENOTES	CONCESSION
(p1)	DENOTES	PLAN 45R-16137
(p2)	DENOTES	PLAN 45R-15464
(JBF)	DENOTES	JBF SURVEYORS
(P&L)	DENOTES	PIERCE & LYONS, O.L.S.
±	DENOTES	PLUS/MINUS, O.L.S.
~~~~~	DENOTES	ROCK WALL

**BEARINGS & DISTANCES:**

BEARINGS SHOWN HEREON ARE UTM GRID BEARINGS, DERIVED FROM REAL-TIME NETWORK (RTN) GPS OBSERVATIONS ON OBSERVED REFERENCE POINTS 'A' AND 'B', SHOWN HEREON, AND ARE RELATED TO NAD83 (CSRS-2010) UTM ZONE 17N.

DISTANCES SHOWN ON THIS PLAN ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID DISTANCES BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 1.000110.

**INTEGRATION DATA:**

OBSERVED REFERENCE POINTS (ORP_s) DERIVED FROM GNSS OBSERVATIONS USING THE CANNET REAL TIME NETWORK (RTN) SERVICE. COORDINATES ARE CONFIRMED BY THE NRCAN RTK COMPLIANCE AGREEMENT.

COORDINATE SYSTEM : NAD83 (CSRS-2010), UTM ZONE 17N.

COORDINATES TO RURAL ACCURACY PER SEC. 14 (2) OF O.R.G. 216/10

POINT ID	NORTHING	EASTING
ORP 'A'	4935966.4	710128.4
ORP 'B'	4936205.9	710353.3

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

**ELEVATIONS:**

ELEVATIONS ARE GEODETIC (CGVD 28/78) BY GNSS OBSERVATIONS REFERENCED TO THE CANADA HT_2 GEOID MODEL AND ARE ILLUSTRATED VIA CONTOUR SURFACE MODELLING AT 0.25m INTERVALS.

**BENCHMARKS:**

TOPOGRAPHIC INFORMATION DERIVED FROM FIELD SURVEY BY McINTOSH PERRY SURVEYING INC. (MPSI). THIS FIELD WORK WAS COMPLETED ON THE 28TH DAY OF JUNE, 2023.

TEMPORARY SITE BENCHMARK #1 - CUT CROSS ON NORTHEAST CORNER OF CONCRETE PAD, HAVING AN ELEVATION OF 249.87m.

**MONUMENTATION:**

SHORT STANDARD IRON BARS (SSIB) HAVE BEEN SET IN UEU OF STANDARD IRON BARS (SIB) DUE TO SHALLOW OVERBURDEN AND/OR THE PRESENCE OF SUBSURFACE UTILITIES.

