

PLAN 36P-15299
RECEIVED AND DEPOSITED
SEPTEMBER 28, 2024
DATE
October 15, 2024
DATE

PAUL GOARDROE
ON-TASK LAND SURVEYOR

REPRESENTATIVE FOR LAND
REGISTERATION FOR LAND TITLES
MUNICIPALITY OF TEMAGAMIC

PART	LOT	PLAN	AREA (SQ/AC)
1			2.297 / 2.28
2			2.821 / 2.22
3			1.066 / 2.63
4			1.011 / 2.60
5			0.037 / 0.09

PARTS 1, 2, 3, 4 & 5 SUBJECT TO RIGHT IN LT260973 AND MR370.

PLAN OF SURVEY OF
ALL OF BLOCK 45
REGISTERED PLAN 36P-610
GEOGRAPHIC TOWNSHIP OF CASSELS
MUNICIPALITY OF TEMAGAMIC
DISTRICT OF IMPRESSING
PAUL GOARDROE, OLS
SCALE 1 : 500

TABLE 1
UTM CO-ORDINATES OF WATER'S
EDGE OF CASSELS LAKE

POINT NUMBER	NORTHING	EASTING
1	521254.937	596612.751
2	521254.937	596612.751
3	521418.073	596610.833
4	521418.073	596610.833
5	521418.073	596610.833
6	521418.073	596610.833
7	521418.073	596610.833
8	521418.073	596610.833
9	521418.073	596610.833
10	521418.073	596610.833
11	521418.073	596610.833
12	521418.073	596610.833
13	521418.073	596610.833
14	521418.073	596610.833
15	521418.073	596610.833
16	521418.073	596610.833
17	521418.073	596610.833

BOUNDARY NOTE
BOLD LINES ARE NOT FENCED.
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BEARING NOTE
BEARINGS HEREON ARE GRID BEARINGS DERIVED FROM RTM GPS
STATIONING. THE GRID BEARINGS HAVE BEEN CORRECTED TO THE
GRID BY WEST LONGITUDE OF THE UTM SYSTEM, NAD83 (CSRS) (2011.0)
ZONE 17 NORTH.

A COUNTER-CLOCKWISE ROTATION HAS BEEN APPLIED TO CONVERT
THE BEARINGS TO TRUE BEARINGS. THE TRUE BEARINGS AND
DISTANCES AND HAS BEEN CALCULATED IN ACCORDANCE WITH THE
FOLLOWING FORMULA:
ROTATION = $(22.39 \times \text{DISTANCE FROM CENTRAL MERIDIAN (km)} \times$
 $= (22.39 \times 96.651503 \text{ km } 470417.696887) / 4,600$
 $= 0.98105^\circ$

METRIC
DISTANCES & CO-ORDINATES SHOWN ON THIS PLAN ARE IN
METRES AND CAN BE CONVERTED TO FEET BY DIVIDING
BY 0.3048.

GRID SCALE CONVERSION
DISTANCES ARE GRID METRES AND CAN BE CONVERTED TO GRID
BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF
0.99967448

INTEGRATION DETAILS
OBSERVED REFERENCE POINTS (ORP'S) DERIVED FROM
NAD 83 (CSRS) (2011.0) CO-ORDINATES TO RURAL ACCURACY
AS PER SECTION 14 (2) OF O. REG. 216/70

POINT ID	NORTHING	EASTING
O.R.P. "A"	5214129.323	596607.704
O.R.P. "B"	5213866.783	596592.404

CO-ORDINATES SHOWN IN THIS PLAN ARE USED
TO ESTABLISH CORNERS OR BOUNDARIES
SHOWN ON THIS PLAN.

ELEVATION NOTE
ELEVATIONS SHOWN HEREON ARE ORIGINAL OBSERVED
(HTA20) AND ARE DERIVED FROM STATIC BASE STATION GPS
OBSERVATIONS OF DURATION 6-48:15 HOURS POST-PROCESSED
USING THE PRECISE POINT POSITIONING (PPP) SERVICE OF AIRCAN
YIELDING ELEVATION ACCURACIES WITHIN 0.021 METERS.
SITE BENCHMARK BM1 - TOP OF SSB (1596) (P1) (W1) ON LINE
BETWEEN LOT 33 & BLOCK 45
ELEVATION = 292.23

NOTE
CASSELS LAKE IS ARTIFICIALLY REGULATED TO CONTOUR OF ELEVATION
292.23m C.S. DURING LOT TO A RIGHT TO CONTROL THE LEVEL OF
CASSELS LAKE TO AN ELEVATION NOT GREATER THAN 21.54 FT ABOVE
DATED THE DATE OF JULY 1, 1977 LICENSE OF OCCUPANCY NO. 1997
ELEVATIONS ARE REFERRED TO CSRS PPP SPIKE 1.
HAVING AN ELEVATION OF 292.957m.

LEGEND

152R SIMPSON & OSBORNE SURVEYING INC., 1995, OLS
NET NO EVIDENCE FOUND
P1 REGISTERED PLAN 36M-610
M MEASURED
S SET
C CALCULATED
INT POINT ESTABLISHED BY INTERSECTION
W1 AND W2 MARKING RIGHTS ONLY
SR0 SURFACE RIGHTS ONLY

SURVEYORS CERTIFICATE
I CERTIFY THAT THE PLAN IS CORRECT AND IN ACCORDANCE WITH THE
SURVEYORS ACT AND THE LAND TITLES ACT AND
THE REGULATIONS MADE UNDER THEM;
2. THE SURVEY WAS COMPLETED ON 15th DAY OF AUGUST, 2024.

NORTH BAY, ONTARIO
SEPTEMBER 28, 2024

PAUL GOARDROE
ON-TASK LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO LAND PLAN SUBMISSION
FORM NUMBER 2219370

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