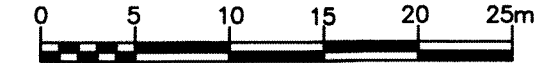


**PLAN OF SURVEY OF
PART OF THE ROAD ALLOWANCE
BETWEEN CONCESSIONS 6 & 7
IN FRONT OF LOT 15, CONCESSION 7 AND
PART OF THE SHORE ROAD ALLOWANCE
IN FRONT OF THE ROAD ALLOWANCE
BETWEEN CONCESSIONS 6 & 7
GEOGRAPHIC TOWNSHIP OF HERSCHEL
MUNICIPALITY OF HASTINGS
COUNTY OF HASTINGS**

SCALE 1 : 400
KEVIN R.D. SMITH, O. L. S.



SCHEDULE				
PART	LOT	CONCESSION	PIN	AREA
1		Part of the Road Allowance between Concessions 6 & 7 in front of Lot 15, Concession 7	PART OF PIN 40046-0270 (LT)	1260± m ²
2				24 m ²
3				1260± m ²
4		Part of the Shore Road Allowance in front of the Road Allowance between Concessions 6 & 7	NO PIN	33± m ²
5				63± m ²

PARTS 1, 2 AND 3 COMPRISE PART OF PIN 40046-0270 (LT).

COORDINATES ON NON RECTILINEAR BOUNDARIES		
POINT No.	NORTHING	EASTING
17	5001094.7	266732.2
18	5001082.7	266738.7
87	5001081.5	266731.4
88	5001091.7	266730.6

I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT.

DATE : MAY 8, 2024

KEVIN R.D. SMITH, O. L. S.

PLAN 21R-26750

RECEIVED AND DEPOSITED

DATE : June 19, 2024

KEVIN R.D. SMITH, O. L. S.
REGISTRAR FOR THE LAND TITLES DIVISION OF HASTINGS (21).

NOTES

BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY STATIC GNSS OBSERVATIONS, SHOWN HEREON, BEARING OF N71°42'25"E, REFERRED TO THE CENTRAL MERIDIAN OF UTM ZONE 18 (75° WEST LONGITUDE) NAD 83 (CSRS) v7.1 EPOCH 2010. GNSS BASELINE POST PROCESSED FROM LEICA REFERENCE STATION - HALIBURTON. FOR BEARING COMPARISONS, A ROTATION OF 2°08'25" CLOCKWISE WAS APPLIED TO BEARINGS ON PLANS 21R-5986 & 21R-22388.

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.000218. PROPERTY LINES ARE UNFENCED, UNLESS OTHERWISE NOTED. FENCES ARE LOCATED ON PROPERTY LINES, UNLESS OTHERWISE NOTED.

SSIB'S PLANTED DUE TO INSUFFICIENT OVERBURDEN TIES SHOWN TO THE MAXIMUM CONTROLLED WATER'S EDGE OF BAPTISTE LAKE ARE AT RIGHT ANGLES TO THE TRAVERSE LINE, UNLESS OTHERWISE NOTED.

BAPTISTE LAKE IS ARTIFICIALLY REGULATED TO ELEVATION 351.7 CGVD28 CONTOUR ELEVATION 349.0 CGVD28 IS THE BEST AVAILABLE EVIDENCE OF THE WATER'S EDGE EXISTING AT THE TIME OF THE ORIGINAL SURVEY OF THE TOWNSHIP OF HERSCHEL.

ELEVATIONS ARE REFERRED TO A MINISTRY OF NATURAL RESOURCES BENCH ON THE DAM AT THE OUTLET OF BAPTISTE LAKE HAVING AN ELEVATION OF 353.28 CGVD28.

ORTHOMETRIC HEIGHTS ARE DERIVED FROM GNSS OBSERVATIONS POST PROCESSED FROM LEICA BASE STATION-HALIBURTON AND THE HTV2 GEOID MODEL.

LEGEND

SYMBOL	DENOTES
□	SURVEY MONUMENT PLANTED
■	SURVEY MONUMENT FOUND
SSIB	SHORT STANDARD IRON BAR 25mm x 25mm x 60cm
SIB	STANDARD IRON BAR 25mm x 25mm X 120cm
IB	IRON BAR 15mm x 15mm x 60cm
Wt.	WITNESS
MEAS.	MEASURED
ORP	OBSERVED REFERENCE POINT
R	ROTATED
P1	PLAN 21R-22388
P2	PLAN 21R-5986
776	M.J. McALPINE O.L.S.
1512	P.A. MILLER O.L.S.
CGVD28	CANADIAN GEODETIC VERTICAL DATUM 1928 (1978)
UP	UTILITY POLE
UPA	UTILITY POLE ANCHOR

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 LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
2. THIS SURVEY WAS COMPLETED ON THE 4th DAY OF MARCH, 2024.

DATE : MAY 8, 2024

KEVIN R.D. SMITH
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-73362.

**P. A. MILLER SURVEYING LTD.
ONTARIO LAND SURVEYOR**

P. O. BOX 520
STIRLING
(613) 365-3070

24-11773

OBSERVED REFERENCE POINTS (ORPs) DERIVED FROM STATIC GNSS OBSERVATIONS, BASELINE POST PROCESSED FROM LEICA REFERENCE STATION- HALIBURTON, UTM ZONE 18, NAD83 (CSRS) v7.1 EPOCH 2010. COORDINATES TO RURAL ACCURACY PER SEC. 14 (2) OF O.REG. 216/10.

POINT ID	NORTHING	EASTING
ORP A	5001033.63	266600.36
ORP B	5001078.12	266734.93
ORP C	5001094.26	266719.66

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

METRIC

DISTANCES AND COORDINATES ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

