

**PLAN OF SURVEY OF  
SHOWING LOCATION OF PROPOSED DWELLING  
AND ZONING SETBACKS ON  
PART OF LOT 23, CONCESSION 6  
TOWNSHIP OF WOLLASTON  
COUNTY OF HASTINGS**

KEVIN R.D. SMITH, O. L. S.  
SCALE 1 : 500



**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  |
| Wit.          | WITNESS  |
| MEAS.         | MEASURED   |
| ORP           | OBSERVED REFERENCE POINT   |
| R.            | ROTATED  |
| P1            | PLAN 21R--22439  |
| P2            | PLAN 21R--23524  |
| FNE           | FOUND NO EVIDENCE  |
| CGVD28        | CANADIAN GEODETIC VERTICAL DATUM 1928 (1978)   |
| ⊠             | WOODEN STAKE   |
| UPA           | UTILITY POLE ANCHOR  |
| OFN           | ORIGINAL FIELD NOTES OF SURVEY OF THE TOWNSHIP OF WOLLASTON                                |
| +             | SPOT HEIGHT  |
| - - - - -     | 1:100 YEAR FLOODLINE CONTOUR ELEVATION 311.6 CGVD28  |
| - - - - -     | 6m SETBACK FROM 1:100 YEAR FLOODLINE   |
| - · - · - · - | 21m SETBACK FROM WATER'S EDGE OF DEER RIVER (WOLLASTON LAKE)                               |
| - · - · - · - | MUNICIPAL ZONING SETBACKS 8m FRONT YARD & REAR YARD<br>3m SIDE YARD & 30m FROM WATERCOURSE |

**A** PHOTOGRAPH STATION & DIRECTION

POINT No.	NORTHING	EASTING
191	4967732.2	273898.9
192	4967713.1	273907.6
193	4967701.3	273911.6
194	4967721.0	273905.3
230	4967749.7	273915.0
231	4967739.9	273917.7
232	4967728.9	273923.9
233	4967720.4	273926.5

OBSERVED REFERENCE POINTS (ORPs) DERIVED FROM STATIC GNSS OBSERVATIONS, BASELINE POST PROCESSED FROM LEICA REFERENCE STATION- LAKEFIELD, 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	4967650.99	273879.40
ORP B	4967743.54	273867.87
ORP C	4967692.48	273915.87

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



PHOTOGRAPH A PHOTOGRAPH B

**NOTES**  
BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY STATIC GNSS OBSERVATIONS, SHOWN HEREON, BEARING OF N7°07'50"W, 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 - LAKEFIELD. FOR BEARING COMPARISONS, A ROTATION OF 2°01'10" CLOCKWISE WAS APPLIED TO BEARINGS ON PLANS 21R--22439.  
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0001850.  
PROPERTY LINES ARE UNFENCED, UNLESS OTHERWISE NOTED.  
FENCES ARE LOCATED ON PROPERTY LINES, UNLESS OTHERWISE NOTED.  
TIES SHOWN TO THE WATER'S EDGE OF DEER RIVER (WOLLASTON LAKE) ARE AT RIGHT ANGLES TO THE TRAVERSE LINE, UNLESS OTHERWISE NOTED.  
SSIB'S PLANTED DUE TO INSUFFICIENT OVERBURDEN  
ORTHOMETRIC HEIGHTS ARE DERIVED FROM GNSS OBSERVATIONS POST PROCESSED FROM LEICA BASE STATION-LAKEFIELD AND THE HTV2 GEIOD MODEL.  
DEER RIVER (WOLLASTON LAKE) IS ARTIFICIALLY REGULATED TO MAXIMUM CONTOUR ELEVATION 310.2 CGVD28.

**METRIC** DISTANCES AND COORDINATES 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. THIS SURVEY WAS COMPLETED ON THE 26th DAY OF APRIL, 2022.

ASSOCIATION OF ONTARIO LAND SURVEYORS  
PLAN SUBMISSION FORM  
V-XXXXX  
  
THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR  
In accordance with Regulation 1026, Section 29(3).

DATE : OCTOBER 11, 2023  
KEVIN R.D. SMITH  
ONTARIO LAND SURVEYOR  
© ( KEVIN R.D. SMITH O.L.S., 2023 )  
NO PERSON MAY COPY, REPRODUCE, DISTRIBUTE OR ALTER THIS PLAN IN WHOLE, OR IN PART WITHOUT THE WRITTEN PERMISSION OF KEVIN R.D. SMITH, O.L.S.  
**P. A. MILLER SURVEYING LTD.**  
ONTARIO LAND SURVEYOR  
P. O. BOX 520  
STIRLING  
(613) 395-3070  
22-10921