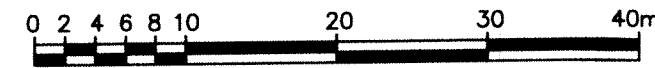


PLAN OF SURVEY OF
PART OF THE SHORE ROAD ALLOWANCE
IN FRONT OF LOT 30, CONCESSION 5
GEOGRAPHIC TOWNSHIP OF HERSCHEL
MUNICIPALITY OF HASTINGS HIGHLANDS
COUNTY OF HASTINGS

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



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

DATE : AUGUST 30, 2022

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

PLAN 21R-26530

RECEIVED AND DEPOSITED

DATE : August 24, 2023

T.M. 1121
REPRESENTATIVE FOR LAND
REGISTRAR FOR THE LAND TITLES
DIVISION OF HASTINGS (21).

SCHEDULE

PART	LOT	CONCESSION	PIN	AREA
1	Part of Shore Road Allowance in front of Lot 30, Concession 5		NO PIN	980 sq. m
2				0.230 Hectares

NOTES

BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY STATIC G.N.S.S. OBSERVATIONS, SHOWN HEREON, BEARING OF N23°02'25"W, REFERRED TO THE CENTRAL MERIDIAN OF UTM ZONE 17 (81° WEST LONGITUDE) NAD 83 (CSRS) v7.1 epoch 2010. G.N.S.S. BASELINE POST PROCESSED FROM LEICA REFERENCE STATION - HALIBURTON. FOR BEARING COMPARISONS, A ROTATION OF 1°57'10" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON PLAN 21R-4772 AND 21°2'55" COUNTER-CLOCKWISE ON PLAN 21R-8846.

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.000211. 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 351.70 CGVD28 CONTOUR ELEVATION 349.03 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 BENCHMARK ON THE DAM AT THE OUTLET OF BAPTISTE LAKE HAVING AN ELEVATION OF 353.28 CGVD28.

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
Rot.	ROTATED
nvi	NO VISIBLE IDENTIFICATION
ORP	OBSERVED REFERENCE POINT
P1	PLAN 21R-4772
P2	PLAN 21R-8846
CGVD28	CANADIAN GEODETIC VERTICAL DATUM 1928(1978)

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-32452.

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 22nd DAY OF JUNE, 2022.

DATE : AUGUST 30, 2022

KEVIN R.D. SMITH
ONTARIO LAND SURVEYOR

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

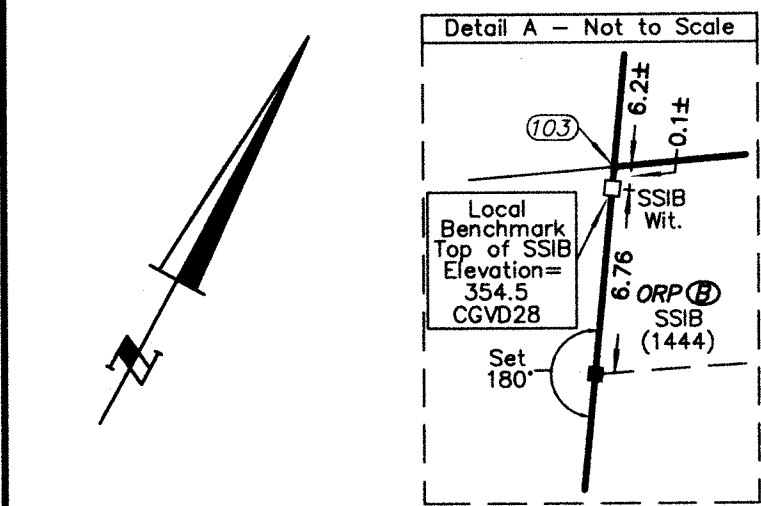
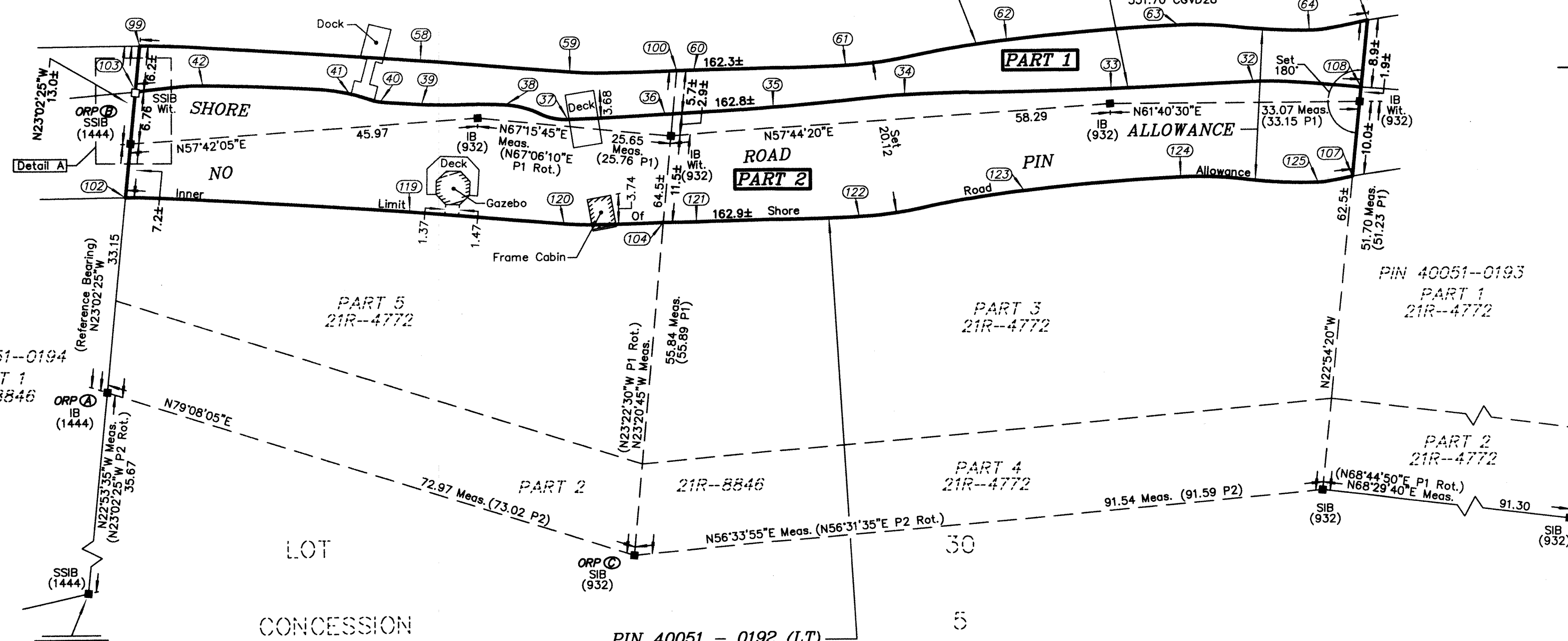
P. A. MILLER SURVEYING LTD.
ONTARIO LAND SURVEYOR

P. O. BOX 520
STIRLING
(613) 386-3070

22-10963

BAPTISTE LAKE
(Controlled Water Level)
CROWN

Original Water's Edge
Contour Elevation
349.03 CGVD28
Maximum Controlled Water's
Edge Contour Elevation
351.70 CGVD28



ROAD ALLOWANCE BETWEEN LOTS 30 & 31
ROAD ALLOWANCE BETWEEN CONCESSIONS 4 & 5

OBSERVED REFERENCE POINTS (ORP_a) DERIVED FROM STATIC GNSS OBSERVATIONS, BASELINE POST PROCESSED FROM LEICA REFERENCE STATION - HALIBURTON, UTM ZONE 17, 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	4997487.50	733280.73
ORP B	4997518.02	733267.75
ORP C	4997501.25	733352.41

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

COORDINATES ON NON RECTILINEAR BOUNDARIES

POINT No.	NORTHING	EASTING	POINT No.	NORTHING	EASTING
32	4997595.1	733395.0	64	4997604.6	733398.3
33	4997585.5	733378.8	99	4997530.0	733262.6
34	4997571.9	733355.0	100	4997560.5	733326.8
35	4997562.2	733340.4	101	4997609.3	733404.5
36	4997554.7	733328.2	102	4997511.4	733270.6
37	4997548.0	733317.2	103	4997524.3	733265.1
38	4997545.9	733309.0	104	4997541.9	733334.9
39	4997540.7	733299.2	107	4997590.2	733412.6
40	4997538.4	733294.2	108	4997601.1	733408.0
41	4997537.5	733290.2	119	4997527.4	733304.6
42	4997529.3	733272.5	120	4997535.6	733323.3
58	4997545.7	733296.3	121	4997544.0	733338.7
59	4997553.7	733314.5	122	4997554.8	733357.4
60	4997561.5	733328.8	123	4997568.2	733375.0
61	4997571.6	733346.2	124	4997579.5	733392.5
62	4997584.7	733363.5	125	4997587.4	733409.0
63	4997597.1	733382.6			