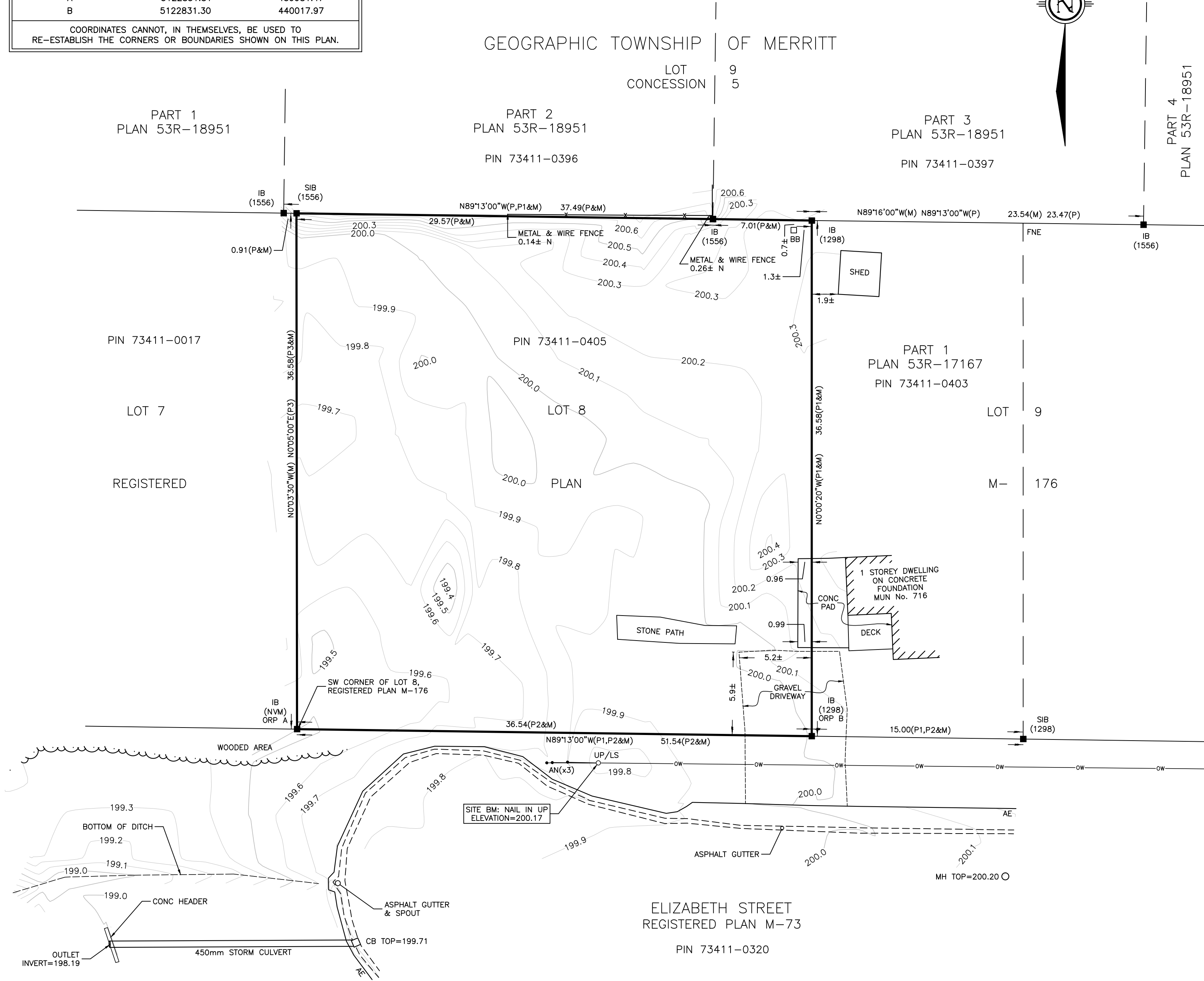


INTEGRATION COORDINATE TABLE		
OBSERVED REFERENCE POINTS DERIVED FROM GNSS OBSERVATIONS USING THE PRECISE POINT POSITIONING (PPP) SERVICE AND ARE REFERRED TO UTM ZONE 17 (81°00' WEST LONGITUDE), NAD83 (CSRS) (1997).		
COORDINATES TO RURAL ACCURACY PER SECTION 14 (2) OF O.REG 216/10.		
ORP	NORTHING	EASTING
A	5122831.81	439981.47
B	5122831.30	440017.97
COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH THE CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.		



TOPOGRAPHIC PLAN OF SURVEY OF
LOT 8
REGISTERED PLAN M-176
GEOGRAPHIC TOWNSHIP OF MERRITT
TOWN OF ESPANOLA
TULLOCH GEOMATICS INC.
2024
SCALE 1:200

2m 0 2 10m

THE INTENDED PLOT SIZE OF THIS PLAN IS 610mm IN WIDTH BY 457mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:200.

DATE:
TOPOGRAPHIC INFORMATION COLLECTED ON AUGUST 26th, 2024.

ELEVATION NOTE:
ELEVATIONS SHOWN HEREON ARE GEODETIC, ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928 (CGVD28) AND ARE DERIVED FROM GNSS OBSERVATIONS WHICH ARE PROCESSED USING THE PRECISE POINT POSITIONING (PPP) SERVICE.

SITE BENCHMARK (BM) IS TOP OF NAIL SET IN UTILITY POLE HAVING AN ELEVATION OF 200.17m.

METRIC:
DISTANCES, ELEVATIONS AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

DISTANCE NOTE:
GROUND DISTANCES SHOWN HEREON CAN BE CONVERTED TO UTM GRID BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.999612.

BEARING NOTE:
BEARINGS ARE UTM GRID DERIVED FROM SIMULTANEOUS GNSS OBSERVATIONS FROM OBSERVED REFERENCE POINTS A TO B, HAVING A BEARING OF N89°13'00"W USING THE PRECISE POINT POSITIONING (PPP) SERVICE AND ARE REFERRED TO THE CENTRAL MERIDIAN OF UTM ZONE 17 (81°00' WEST LONGITUDE) NAD83 (CSRS) (1997).

ROTATION NOTE:
A ROTATION OF 0°01'00" COUNTER-CLOCKWISE HAS BEEN APPLIED TO THE ASTRONOMIC BEARINGS OF UNDERLYING PLANS P, P1 AND P3 TO ACCOUNT FOR DIFFERENT REFERENCE MERIDIANS.

NO ROTATION HAS BEEN APPLIED TO THE UTM GRID BEARING OF UNDERLYING PLAN P2.

UTILITY LOCATE NOTE:
NO UNDERGROUND UTILITY LOCATES REQUIRED ON THIS PLAN.

CONTOUR NOTE:
MINOR CONTOUR INTERVALS SET TO 0.10m.
MAJOR CONTOUR INTERVALS SET TO 0.50m.

LEGEND:	
■	DENOTES FOUND MONUMENT
SIB	DENOTES STANDARD IRON BAR (0.025 x 0.025 x 1.22)
IB	DENOTES IRON BAR (0.015 x 0.015 x 0.61)
FNE	DENOTES FOUND NO EVIDENCE
ORP	DENOTES OBSERVED REFERENCE POINT
PIN	DENOTES PROPERTY IDENTIFICATION NUMBER
M	DENOTES MEASURED
S	DENOTES SET
P	DENOTES PLAN 53R-18951
P1	DENOTES PLAN 53R-17167
P2	DENOTES PLAN OF SURVEY BY TULLOCH GEOMATICS INC. (FILE: 17-7545-01) (DATE: MAY 9, 2018)
P3	DENOTES REGISTERED PLAN M-176
771	DENOTES E.J. LACKSTRUM, O.L.S.
1298	DENOTES W.J. KEATLEY, O.L.S.
1556	DENOTES R.D. HALLIDAY, O.L.S.
AE	DENOTES ASPHALT EDGE
AN	DENOTES ANCHOR
BB	DENOTES BELL BOX
BM	DENOTES BENCHMARK
CB	DENOTES CATCH BASIN
CONC	DENOTES CONCRETE
LS	DENOTES LIGHT STANDARD
MH	DENOTES MANHOLE
NVM	DENOTES NO VISIBLE MARKINGS
UP	DENOTES UTILITY POLE
—OW—	DENOTES OVERHEAD WIRE
—x—	DENOTES FENCE LINE

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

(1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT AND THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.

(2) THE SURVEY WAS COMPLETED ON THE 10th DAY OF SEPTEMBER, 2024.

SEPTEMBER 25, 2024
DATE

JACK F. CAVANAGH
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-66009.

THE REPRODUCTION, ALTERATION, OR USE OF THIS PLAN IN WHOLE OR IN PART WITHOUT THE EXPRESS PERMISSION OF TULLOCH GEOMATICS INC. IS STRICTLY PROHIBITED.

NOT VALID UNLESS EMBOSSED WITH THE SEAL OF THE SURVEYOR.

TULLOCH GEOMATICS INC.
449 SECOND AVE. T. 705 869.5792
ESPANOLA, ON F. 705 869.6198
P5E 1L2 866 215.2246

espanola@tulloch.ca

DRAWN BY: EM FILE: 24-2842