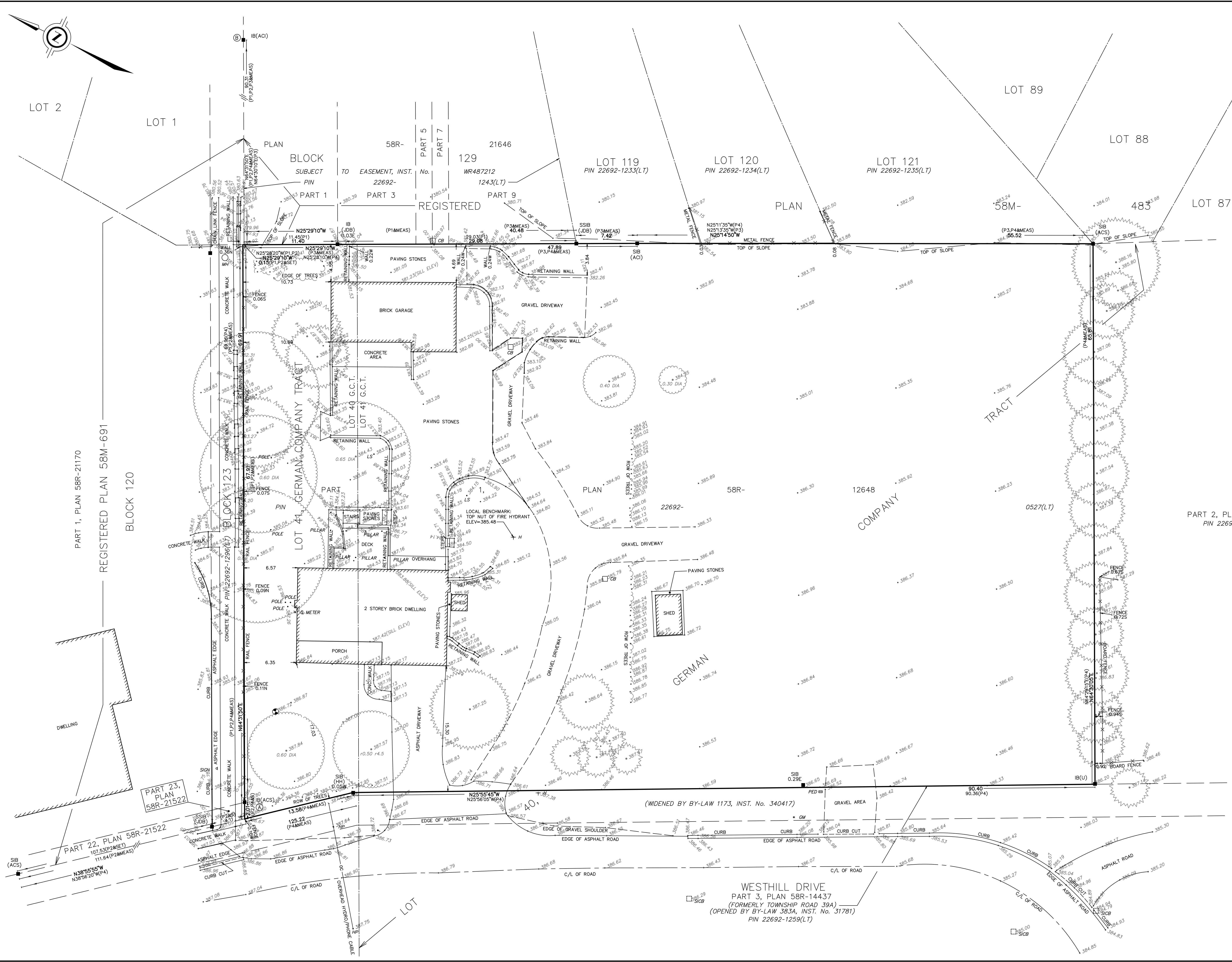




PLAN OF SURVEY ILLUSTRATING TOPOGRAPHY OF
PART OF LOTS 40 AND 41
GERMAN COMPANY TRACT
(GEOGRAPHIC TOWNSHIP OF WATERLOO)
CITY OF WATERLOO
REGIONAL MUNICIPALITY OF WATERLOO
SCALE 1 : 200
5 0 5 10 metres
J.D. BARNES LIMITED
METRIC DISTANCES AND/OR COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NOTES
BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0).
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.99956.
FOR BEARING COMPARISONS, A ROTATION OF 0°01'05" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON P1 AND P2. A ROTATION OF 10°40'5" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON P3. A ROTATION OF 1°03'05" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON P4.
INTEGRATION DATA
OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 17, NAD83 (CSRS) (2010.0).
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.
POINT ID EASTING NORTHING
ORP (A) 534 954.90 4 810 331.62
ORP (B) 535 097.73 4 810 399.50
COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.
THE RESULTANT TIE BETWEEN ORP A AND ORP B IS 158.22, N64°34'50"E

LOCAL BENCHMARK
TOP NUT OF FIRE HYDRANT WITH AN ELEVATION OF 385.48m

LEGEND
■ DENOTES SURVEY MONUMENT FOUND
□ DENOTES SURVEY MONUMENT SET
□ DENOTES STANDARD IRON BAR
□ DENOTES SHORT STANDARD IRON BAR
□ DENOTES IRON BAR
□ DENOTES PLASTIC BAR
□ DENOTES WITNESS
□ DENOTES MEASURED
□ DENOTES J.D. BARNES LIMITED
(ACS) DENOTES ANSLEY, CAMPBELL, SERACK LTD.
(ACI) DENOTES ACI SURVEY CONSULTANTS INC.
(HH) DENOTES H. HALL, O.L.S.
P1 DENOTES PLAN 58R-21646
P2 DENOTES REGISTERED PLAN 58M-691
P3 DENOTES REGISTERED PLAN 58M-483
P4 DENOTES PLAN 58R-12648
□ CB DENOTES CATCHBASIN
□ S/CB DENOTES SIDE INLET CATCHBASIN
+ GM DENOTES GAS MARKER
+ G METER DENOTES GAS METER
○ MH DENOTES MANHOLE
+ HP DENOTES HYDRO POLE
+ LS DENOTES LIGHT STANDARD
□ PED DENOTES TELEPHONE PEDESTAL
+ H DENOTES FIRE HYDRANT
ALL SET SSIB AND PB MONUMENTS WERE USED DUE TO LACK OF OVERBURDEN AND/OR PROXIMITY OF UNDERGROUND UTILITIES IN ACCORDANCE WITH SECTION 11 (4) OF O.REG. 525/91.

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. THE SURVEY WAS COMPLETED ON OCTOBER 22, 2024.

OCTOBER 24, 2024
DATE
JASON ELLIOTT
ONTARIO LAND SURVEYOR
THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER XXXX
J.D. BARNES SURVEYING
LAND INFORMATION SPECIALISTS
4273 KING ST. E. #100, KITCHENER, ON, N2P 2E9
T: (519) 578-2220 F: (519) 650-5625 www.jdbarnes.com
DRAWN BY: DH CHECKED BY: JE REFERENCE NO.: 24-40-522-00
PLOTTED: 10/25/24 DATED: 10/24/2024