

# APPENDIX 5 - SH

SHUNIAH

Maps

PIN 625060452

Parent Property: 94.99 Acres  
New Expropriated Rights Required: 5.00 Acres

New Expropriated Rights Required:  
- Area: 5.00 Acres  
- Part 2 on Reference Plan 55R-15318

625060452

CLOVERBEACH RD

HIGHWAY 11 & 17

Sketch Plan only. Subject to final engineering and survey.  
\* Hydro One Right-of-Way to be 46 m wide (or 150 ft).

- |              |                                     |
|--------------|-------------------------------------|
| ▲ Towers     | ▭ New Expropriation Rights Required |
| — Centreline | ▭ Subject Parcel                    |
|              | ▭ Teranet Parcel                    |

Waasigan Line (Phase 1)  
PIN 625060452



SCHEDULE				
PART	PART OF MINING LOCATION	PART OF PIN (LT)	AREA (H <sub>a</sub> )	NAMES OF MOST RECENT TRANSFEREE(S)
1	6E (WHITE'S SURVEY)	62506-0198	0.326	
2		62506-0452	2.022	

PARTS 1 & 2 - SUBJECT TO RIGHT-OF-WAY AS IN INSTRUMENT No. TBR245903.

PLAN 55R-15318

Received and deposited

October 25<sup>th</sup>, 2024

Sylvie Guenette

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

PLAN OF SURVEY OF  
PART OF MINING LOCATION 6E  
(WHITE'S SURVEY)

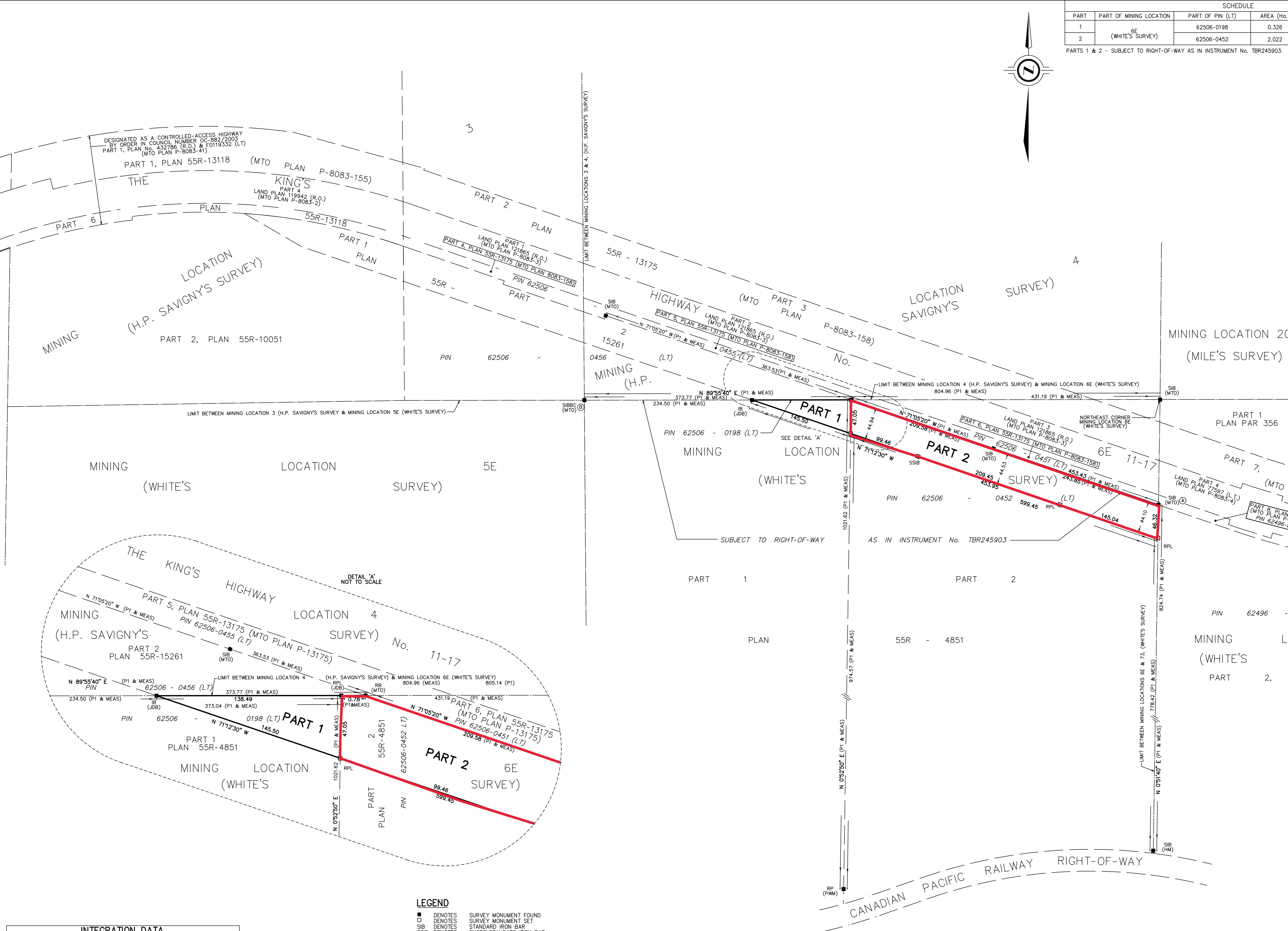
GEOGRAPHIC TOWNSHIP OF MACGREGOR  
MUNICIPALITY OF SHUNIAH  
DISTRICT OF THUNDER BAY

SCALE 1 : 2500  
50 0 50 100 150 metres

THE INTENDED PLOT SIZE OF THIS PLAN IS 915mm IN WIDTH BY 609mm IN HEIGHT  
WHEN PLOTTED AT A SCALE OF 1:2500.  
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.

AREAS SHOWN ON THIS PLAN ARE IN HECTARES AND CAN BE CONVERTED TO ACRES BY MULTIPLYING BY 2.471.



INTEGRATION DATA		
OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 16, NAD83 (CSRS) (2010.0).		
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.		
POINT ID	EASTING	NORTHING
ORP (A)	345 057.50	5 374 199.21
ORP (B)	344 254.80	5 374 345.69

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 815.96 N 79°39'30" W.

LEGEND

- DENOTES SURVEY MONUMENT FOUND
- DENOTES SURVEY MONUMENT SET
- SIB DENOTES STANDARD IRON BAR
- SIBB DENOTES SHORT STANDARD IRON BAR
- SIBBC DENOTES STANDARD IRON BAR WITH BRASS CAP
- IB DENOTES IRON BAR
- RB DENOTES ROCK BAR
- RPL DENOTES ROCK PLUG
- RP DENOTES ROCK POST
- MEAS DENOTES MEASURED
- CALC DENOTES CALCULATED
- MTO DENOTES MINISTRY OF TRANSPORTATION OF ONTARIO
- PHM DENOTES PHILLIPS, WILSON & MILTON LTD., O.L.S.
- HM DENOTES HOWARD GRAHAM, O.L.S.
- P1 DENOTES PLAN 55R-15261
- LT DENOTES LAND TITLES
- PIN DENOTES PROPERTY IDENTIFICATION NUMBER

NOTES

BEARINGS ARE UTM GRID, DERIVED BY REAL TIME KINEMATIC (RTK) OBSERVATIONS FROM A LOCAL BASE STATION (N 5 374 992.30, E 343 980.19), ESTABLISHED USING THE PRECISE POINT POSITIONING (PPP) SERVICE, TO OBSERVED REFERENCE POINTS (ORPs) A AND B, UTM ZONE 16, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999855.

SURVEYOR'S CERTIFICATE

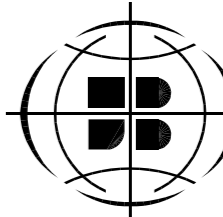
I CERTIFY THAT:

- 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.
- THE SURVEY WAS COMPLETED ON THE 12TH DAY OF DECEMBER, 2023.

OCTOBER 10, 2024  
DATE

SHAFIC HABEBUR RAHMAN  
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-70548.



J.D. BARNES LIMITED  
LAND INFORMATION SPECIALISTS

1158 RUSSELL STREET, THUNDER BAY, ON P7B 5N2

T: (807) 622-6277 F: (807) 626-8040 www.jdbarnes.com

DRAWN BY: KJ

CHECKED BY: SR

REFERENCE NO.: 23-32-118-00 (SECTION 1A)

PLOTTED: 10/24/2024

DATED: 10/24/2024

FILE: \\jdbt.jdbarnes.com\user\23-32-118\00\Drawing\Section 1\118-00-SECTION 1A.dgn

PIN 625060198

Parent Property: 100.06 Acres  
New Expropriated Rights Required: 0.81 Acres

Filed: 2024-11-08  
EB-2024-0319  
Appendix 5 - SH 02  
Page 1 of 2

New Expropriated Rights Required:  
- Area: 0.81 Acres  
- Part 1 on Reference Plan 55R-15318

625060198

CLOVER BEACH RD

HIGHWAY 11 & 17  
HIGHWAY 11 & 17

Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).



Produced By: Hydro One Networks Inc., GIS Services  
Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_SH02-625060198

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- |  |            |  |                                   |
|--|------------|--|-----------------------------------|
|  | Towers     |  | New Expropriation Rights Required |
|  | Centreline |  | Subject Parcel                    |
|  |            |  | Teranet Parcel                    |

**Waasigan Line (Phase 1)**  
**PIN 625060198**

1:5,000 0 50 100 m

SCHEDULE				
PART	PART OF MINING LOCATION	PART OF PIN (LT)	AREA (H <sub>a</sub> )	NAMES OF MOST RECENT TRANSFEREE(S)
1	6E (WHITE'S SURVEY)	62506-0198	0.326	
2		62506-0452	2.022	

PARTS 1 & 2 - SUBJECT TO RIGHT-OF-WAY AS IN INSTRUMENT No. TBR245903.

PLAN 55R-15318

Received and deposited

October 25<sup>th</sup>, 2024

Sylvie Guenet

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

PLAN OF SURVEY OF  
PART OF MINING LOCATION 6E  
(WHITE'S SURVEY)

GEOGRAPHIC TOWNSHIP OF MACGREGOR  
MUNICIPALITY OF SHUNIAH  
DISTRICT OF THUNDER BAY

SCALE 1 : 2500  
50 0 50 100 150 metres

THE INTENDED PLOT SIZE OF THIS PLAN IS 915mm IN WIDTH BY 609mm IN HEIGHT  
WHEN PLOTTED AT A SCALE OF 1:2500.  
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.

AREAS SHOWN ON THIS PLAN ARE IN HECTARES AND CAN BE  
CONVERTED TO ACRES BY MULTIPLYING BY 2.471.



INTEGRATION DATA		
OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 16, NAD83 (CSRS) (2010.0).		
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF OREG 216/10.		
POINT ID	EASTING	NORTHING
ORP (A)	345 057.50	5 374 199.21
ORP (B)	344 254.80	5 374 345.69

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 815.96 N 79°39'30" W.

LEGEND

- DENOTES SURVEY MONUMENT FOUND
- DENOTES SURVEY MONUMENT SET
- SIB DENOTES STANDARD IRON BAR
- SIBB DENOTES SHORT STANDARD IRON BAR
- SIBBC DENOTES STANDARD IRON BAR WITH BRASS CAP
- IB DENOTES IRON BAR
- RB DENOTES ROCK BAR
- RPL DENOTES ROCK PLUG
- RP DENOTES ROCK POST
- MEAS DENOTES MEASURED
- CALC DENOTES CALCULATED
- MTO DENOTES MINISTRY OF TRANSPORTATION OF ONTARIO
- PHM DENOTES PHILLIPS, WILSON & MILTON LTD., O.L.S.
- HM DENOTES HOWARD GRAHAM, O.L.S.
- P1 DENOTES PLAN 55R-15261
- LT DENOTES LAND TITLES
- PIN DENOTES PROPERTY IDENTIFICATION NUMBER

NOTES

BEARINGS ARE UTM GRID, DERIVED BY REAL TIME KINEMATIC (RTK) OBSERVATIONS  
FROM A LOCAL BASE STATION (N 5 374 992.30, E 343 980.19), ESTABLISHED  
USING THE PRECISE POINT POSITIONING (PPP) SERVICE, TO OBSERVED REFERENCE  
POINTS (ORPs) A AND B, UTM ZONE 16, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY  
THE COMBINED SCALE FACTOR OF 0.999855.

SURVEYOR'S CERTIFICATE

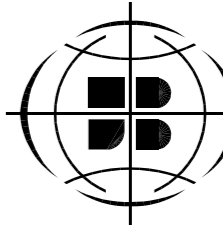
I CERTIFY THAT:

- 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.
- THE SURVEY WAS COMPLETED ON THE 12TH DAY OF DECEMBER, 2023.

OCTOBER 10, 2024  
DATE

SHAFIC HABEBUR RAHMAN  
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-70548.



**J.D. BARNES**  
LIMITED  
SURVEYING  
MAPPING  
GIS

LAND INFORMATION SPECIALISTS  
1158 RUSSELL STREET, THUNDER BAY, ON P7B 5N2  
T: (807) 622-6277 F: (807) 626-8040 www.jdbarnes.com

DRAWN BY:  
KJ

CHECKED BY:  
SR

REFERENCE NO.:  
23-32-118-00 (SECTION 1A)

PLOTTED: 10/24/2024

DATED: 10/24/2024

FILE: \\jdbt.jdbarnes.com\user1\23-32-118\00\Drawing\Section 1\118-00-SECTION 1A.dgn

# APPENDIX 5 - TB

THUNDER BAY

Maps

PIN 62325025

Parent Property: 58.61 Acres

New Expropriated Rights Required: 6.25 Acres

Updated: 2024-12-05  
EB-2024-0319  
Appendix 5 - TB 01  
Page 1 of 2

New Expropriated Rights Required:

- Area: 6.25 Acres
- Parts 1 & 2 Reference No. 23-32-118-00 4A

623250254

ISKU PARK RD

COPENHAGEN RD

Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).



Produced By: Hydro One Networks Inc., GIS Services  
Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_TB01-623250254

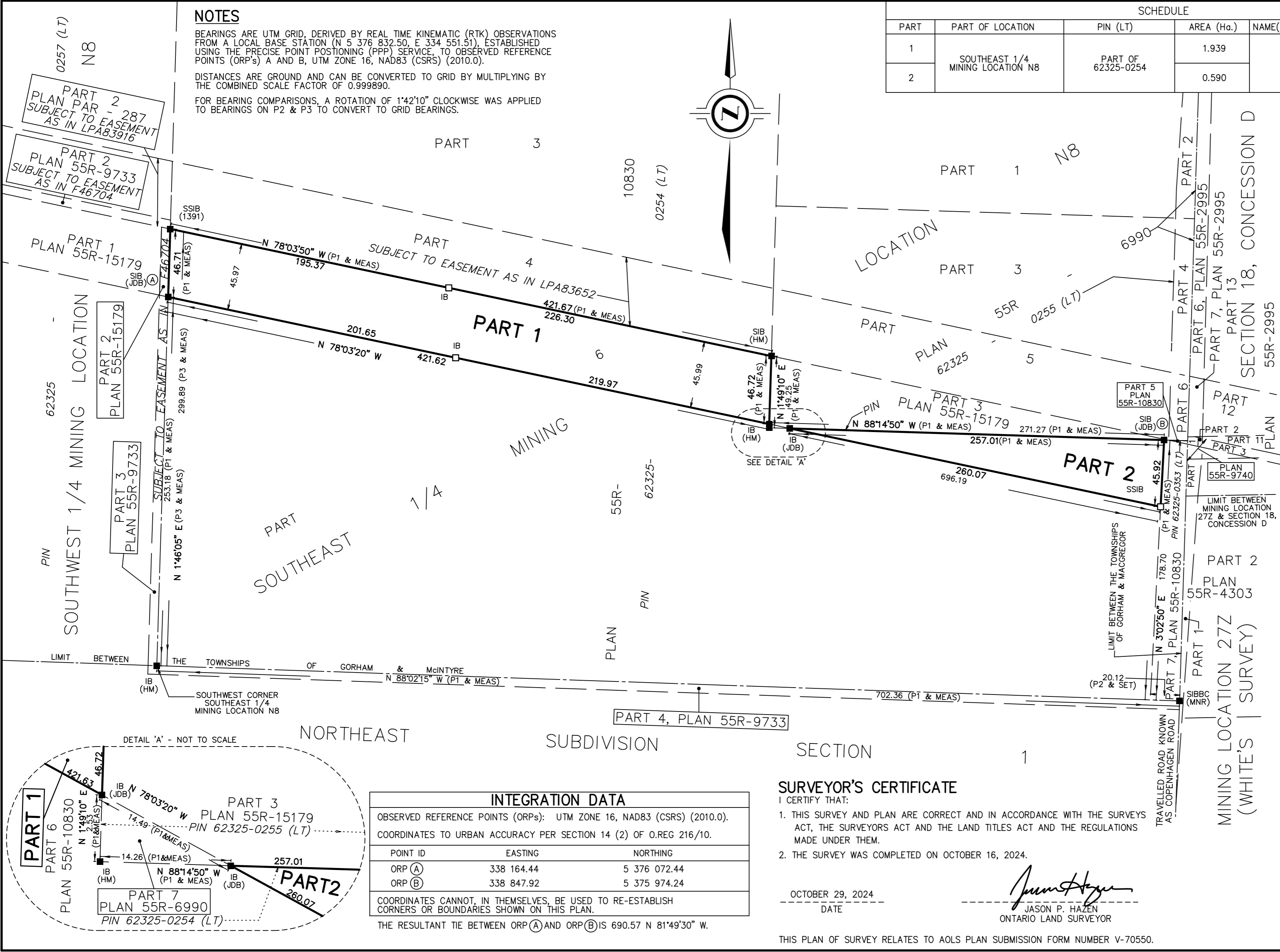
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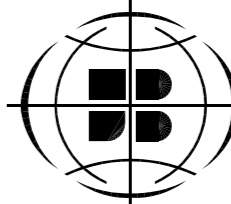
- ▲ Towers
- Centreline
- ▭ New Expropriation Rights Required
- ▭ Subject Parcel
- ▭ Teranet Parcel

**Waasigan Line (Phase 1)**  
PIN 623250254

1:3,000 0 30 60 m





 **J.D. BARNES** LIMITED

LAND INFORMATION SPECIALISTS

1158 RUSSELL STREET, THUNDER BAY, ON P7B 5N2

T: (807) 622-6277 F: (807) 626-8040 www.jdbarnes.com

DRAWN BY:	CHECKED BY:	REFERENCE NO.:
MS	JPH	23-32-118-00 4A
PLOTTED: 11/05/24		DATED: 11/05/24

FILE: \\jdbt\usr\23-32-118\00\Drawing\Section 4\118-00-R-PLAN-SECTION 4A.dgn

PIN 623250286

Parent Property: 121.88 Acres

New Expropriated Rights Required: 7.51 Acres

New Expropriated Rights Required:  
- Area: 7.51 Acres  
- Parts 1 & 2 on Reference Plan 55R-15145

623250286

ONION LAKE RD

GOREVALE RD

Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).



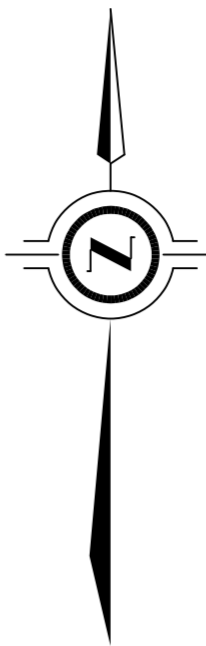
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Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_TB04-623250286

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- |  |            |  |                                   |
|--|------------|--|-----------------------------------|
|  | Towers     |  | New Expropriation Rights Required |
|  | Centreline |  | Subject Parcel                    |
|  |            |  | Teranet Parcel                    |

**Waasigan Line (Phase 1)**  
**PIN 623250286**

1:5,000 0 50 100 m



PART 2 - SUBJECT TO EASEMENT AS IN LPA53789

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

FILE: G:\23-32-118\00\Drawing\Section 5\118-00-RPLAN(SECTION 5).dwg

PIN 623240248

Parent Property: 54.9 Acres  
New Expropriated Rights Required: 4.43 Acres

New Expropriated Rights Required:  
- Area: 4.43 Acres  
- Parts 3 on Reference Plan 55R-15175

Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).



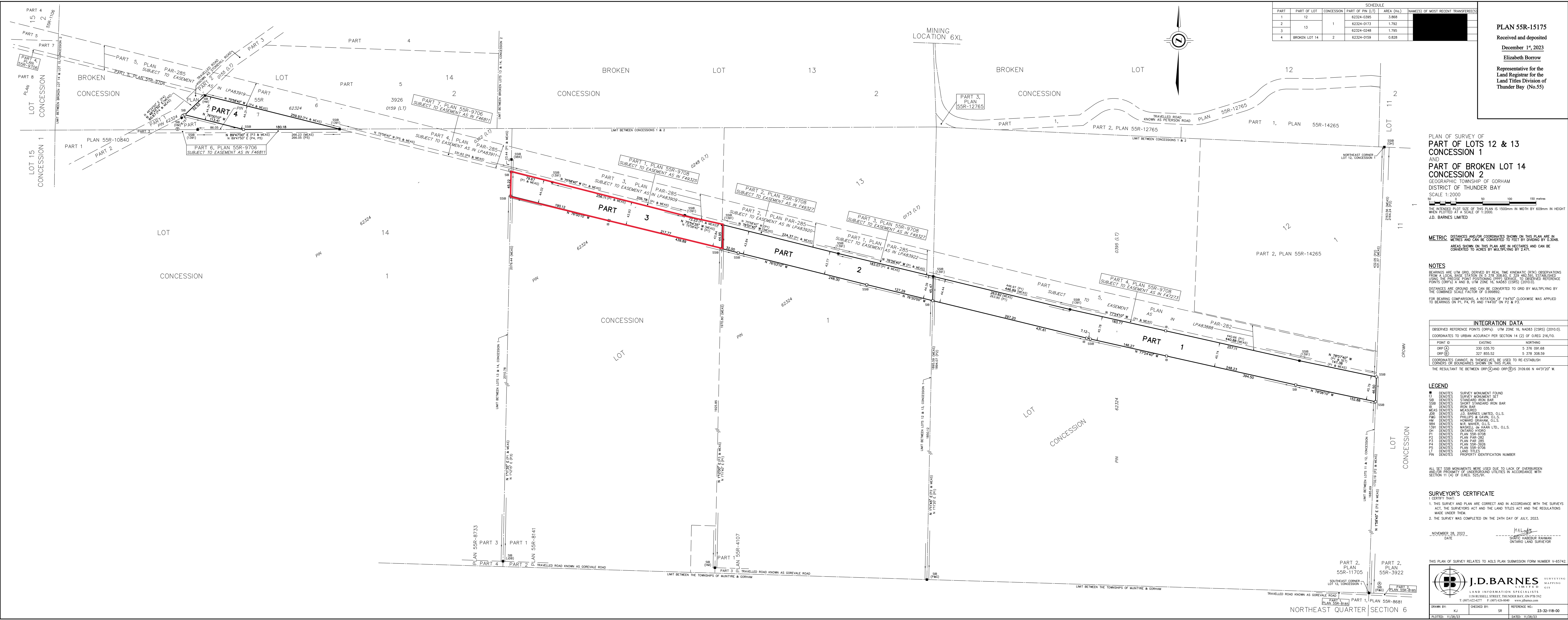
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Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_TB16-623240248

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- Towers
- New Expropriation Rights Required
- Centreline
- Subject Parcel
- Teranet Parcel

**Waasigan Line (Phase 1)**  
**PIN 623240248**

1:4,000 0 40 80 m



SCHEDULE					
PART	PART OF LOT	CONCESSION	PART OF PIN (LT)	AREA (Ha.)	NAME(S) OF MOST RECENT TRANSFEREE(S)
1	12		62324-0395	3.868	
2			62324-0173	1.792	
3	13		62324-0248	1.795	
4	BROKEN LOT 14	2	62324-0159	0.828	

PLAN 55R-15175

Received and deposited

December 1<sup>st</sup>, 2023

Elizabeth Borrow

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

PLAN OF SURVEY OF  
PART OF LOTS 12 & 13  
CONCESSION 1  
AND  
PART OF BROKEN LOT 14  
CONCESSION 2  
GEOGRAPHIC TOWNSHIP OF GORHAM  
DISTRICT OF THUNDER BAY  
SCALE 1:2000

THE INTENDED PLOT SIZE OF THIS PLAN IS 1500mm IN WIDTH BY 609mm IN HEIGHT  
WHEN PLOTTED AT A SCALE OF 1:2000.  
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.

AREAS SHOWN ON THIS PLAN ARE IN HECTARES AND CAN BE CONVERTED TO ACRES BY MULTIPLYING BY 2.471.

#### NOTES

BEARINGS ARE UTM GRID, DERIVED BY REAL TIME KINEMATIC (RTK) OBSERVATIONS FROM A LOCAL BASE STATION (N 378 038.65, E 529 482.59). ESTABLISHED USING THE PRECISE POINT POSITIONING (PPP) SERVICE TO OBSERVED REFERENCE POINTS (ORP) A AND B UTM ZONE 18, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999892.

FOR BEARING COMPARISONS, A ROTATION OF 1°44'50" CLOCKWISE WAS APPLIED TO BEARINGS ON P1, P4, P5 AND 1°44'50" ON P2 & P3.

#### INTEGRATION DATA

OBSERVED REFERENCE POINTS (ORP): UTM ZONE 18, NAD83 (CSRS) (2010.0).

COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF OREG 216/10.

POINT ID	EASTING	NORTHING
ORP (A)	330 035.70	5 376 091.68
ORP (B)	327 855.52	5 378 308.59

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 3109.66 N 44°31'20" W.

#### LEGEND

■	DENOTES	SURVEY MONUMENT FOUND
□	DENOTES	SURVEY MONUMENT SET
SB	DENOTES	STANDARD IRON BAR
SSB	DENOTES	SHORT STANDARD IRON BAR
IB	DENOTES	IRON BAR
MEAS	DENOTES	MEASURED
JDB	DENOTES	J.D. BARNES LIMITED, O.L.S.
P&G	DENOTES	PHILLIPS & GAVIN, O.L.S.
HW	DENOTES	HOWARD GRAHAM, O.L.S.
984	DENOTES	M.R. MAHER, O.L.S.
1391	DENOTES	MASSELL DE HAN LTD., O.L.S.
OH	DENOTES	ONTARIO HYDRO
P1	DENOTES	PLAN PAR-282
P2	DENOTES	PLAN PAR-282
P3	DENOTES	PLAN PAR-282
P4	DENOTES	PLAN PAR-282
P5	DENOTES	PLAN PAR-282
LT	DENOTES	LAND TITLES
PIN	DENOTES	PROPERTY IDENTIFICATION NUMBER

ALL SET SSB MONUMENTS WERE USED DUE TO LACK OF OVERBURDEN AND/OR PROXIMITY OF UNDERGROUND UTILITIES IN ACCORDANCE WITH SECTION 11 (4) OF OREG. 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 THE 24TH DAY OF JULY, 2023.

NOVEMBER 28, 2023  
DATE

JOHN BARNES  
JOHN BARNES LIMITED  
ONTOARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-65742.

**J.D. BARNES LIMITED**  
SURVEYING  
MAPPING  
GIS  
LAND INFORMATION SPECIALISTS  
115 RUSSELL STREET, THUNDER BAY, ON P7B 5N2  
T: (807) 622-4377 F: (807) 624-8040 www.jdbarnes.com

DRAWN BY: KJ CHECKED BY: SR REFERENCE NO.: 23-32-118-00

PLOTTED: 11/28/23 DATED: 11/28/23

FILE: G:\23-32-118\00\Drawing\Section 7\118-00-RPLAN\SECTION 7.dgn

PIN 623220331

Parent Property: 111.91 Acres

New Expropriated Rights Required: 3.67 Acres

New Expropriated Rights Required:

- Area: 3.67 Acres
- Part 6 on Reference Plan 55R-15178

623220331

SALMI RD

Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).



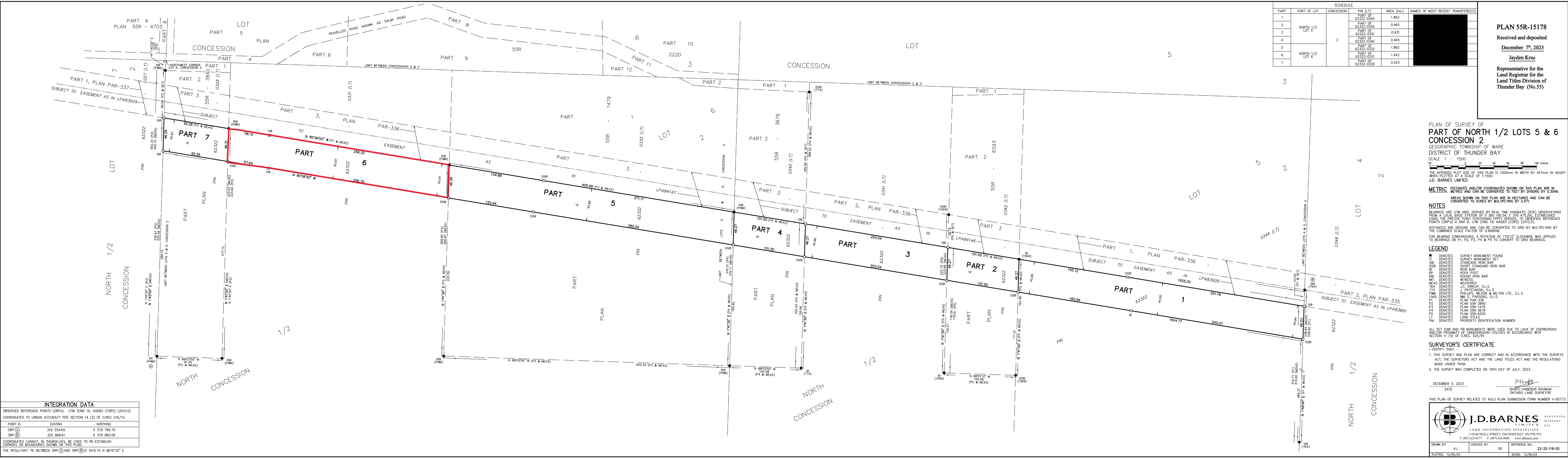
Produced By: Hydro One Networks Inc., GIS Services  
Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_TB44-623220331

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- Towers
- New Expropriation Rights Required
- Centreline
- Subject Parcel
- Teranet Parcel

**Waasigan Line (Phase 1)**  
**PIN 623220331**

1:5,000 0 50 100 m



INTEGRATION DATA		
OBSERVED REFERENCE POINTS (ORP's): UTM ZONE 16, NAD83 (CSRS) (2010.0).		
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O. REG 216/10.		
POINT ID	EASTING	NORTHING
ORP (A)	319 254.69	5 379 766.70
ORP (B)	320 868.61	5 379 860.06
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 1616.70 N 86°41'20" E.		

SCHEDULE					
PART	PART OF LOT	CONCESSION	PIN (LT)	AREA (Ha.)	NAMES OF MOST RECENT TRANSFEREE(S)
1	NORTH 1/2 LOT 5	2	PART OF 62322-0344	1.862	
2			PART OF 62322-0342	0.465	
3			PART OF 62322-0341	0.931	
4			PART OF 62322-0340	0.465	
5	NORTH 1/2 LOT 6		PART OF 62322-0332	1.862	
6			PART OF 62322-0331	1.443	
7			PART OF 62322-0329	0.423	

PLAN 55R-15178  
Received and deposited  
December 7<sup>th</sup>, 2023  
Jayden Kruc

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

PLAN OF SURVEY OF  
PART OF NORTH 1/2 LOTS 5 & 6  
CONCESSION 2

GEOGRAPHIC TOWNSHIP OF WARE  
DISTRICT OF THUNDER BAY

SCALE 1 : 1500  
0 20 40 60 80 100 metres

THE INTENDED PLOT SIZE OF THIS PLAN IS 1500mm IN WIDTH BY 457mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:1500.

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

AREAS SHOWN ON THIS PLAN ARE IN HECTARES AND CAN BE CONVERTED TO ACRES BY MULTIPLYING BY 2.471.

NOTES

BEARINGS ARE UTM GRID, DERIVED BY REAL TIME KINEMATIC (RTK) OBSERVATIONS FROM A LOCAL BASE STATION (N 5 380 190.04, E 318 475.29), ESTABLISHED USING THE PRECISE POINT POSITIONING (PPP) SERVICE TO OBSERVED REFERENCE POINTS (ORP's) 4 AND 5, UTM ZONE 16, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999946.

FOR BEARING COMPARISONS, A ROTATION OF 1°52'10" CLOCKWISE WAS APPLIED TO BEARINGS ON P1, P2, P3, P4 & P5 TO CONVERT TO GRID BEARINGS.

LEGEND

- DENOTES SURVEY MONUMENT FOUND
- DENOTES SURVEY MONUMENT SET
- SIB DENOTES STANDARD IRON BAR
- SSIB DENOTES SHORT STANDARD IRON BAR
- IB DENOTES IRON BAR
- RP DENOTES ROCK POST
- RIB DENOTES ROUND IRON BAR
- WT DENOTES WITNESS
- MEAS DENOTES MEASURED
- 764 DENOTES J.C. KIRKUP, O.L.S.
- 774 DENOTES J. PRYSTANSKI, O.L.S.
- PWM DENOTES PHILLIPS, WILSON & MILTON LTD., O.L.S.
- 1569 DENOTES M.M. E. PARSONS, O.L.S.
- P1 DENOTES PLAN PAR-336
- P2 DENOTES PLAN 55R-3840
- P3 DENOTES PLAN 55R-1479
- P4 DENOTES PLAN 55R-3676
- P5 DENOTES PLAN 55R-6593
- LT DENOTES LAND TITLES
- PIN DENOTES PROPERTY IDENTIFICATION NUMBER

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:
- 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.
  - THE SURVEY WAS COMPLETED ON 18TH DAY OF JULY, 2023.

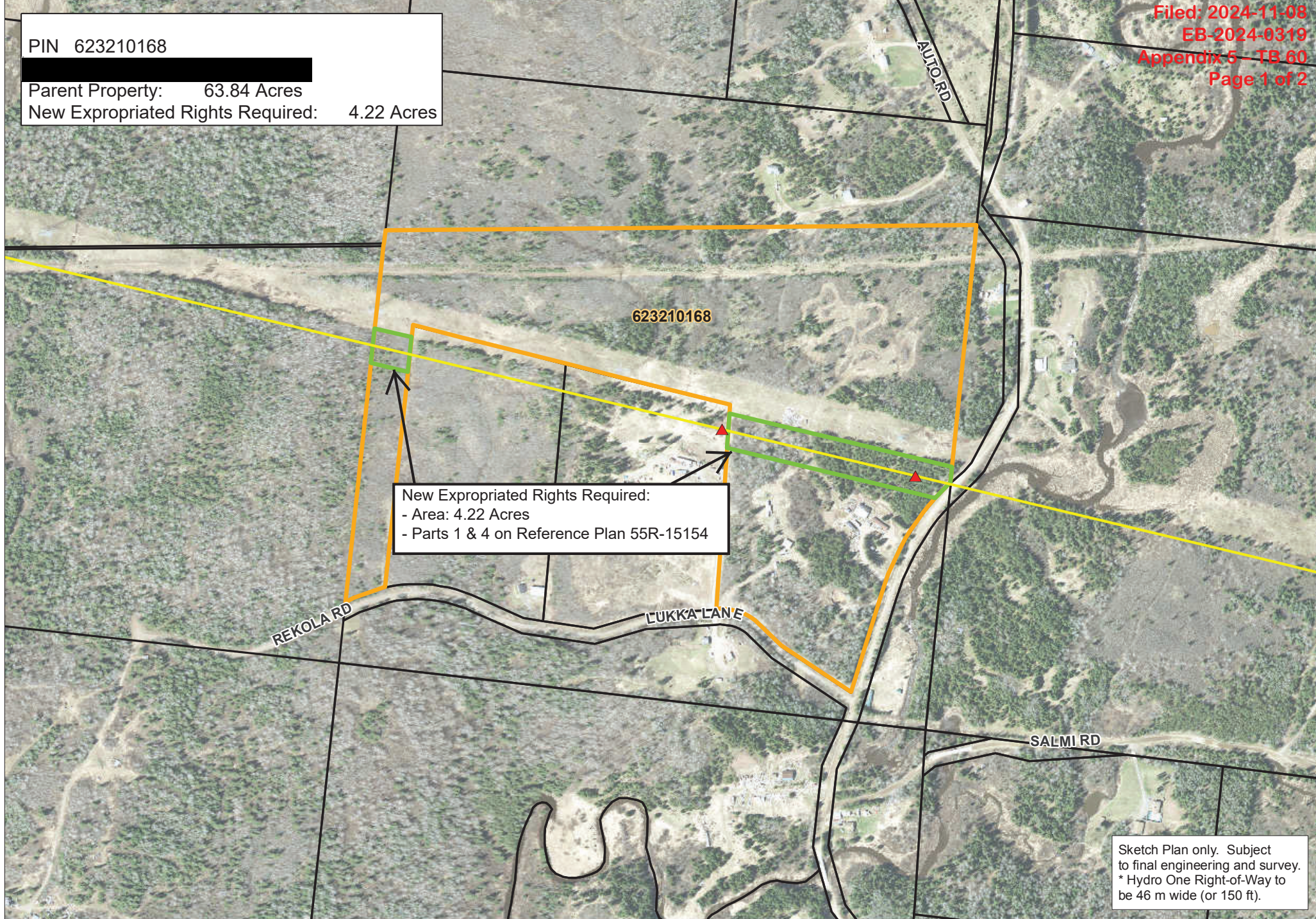
DECEMBER 5, 2023  
DATE  
SHAFIC HABEBUR RAHMAN  
ONTARIO LAND SURVEYOR






THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-65773.

**J.D. BARNES**  
LIMITED  
LAND INFORMATION SPECIALISTS  
1158 RUSSELL STREET, THUNDER BAY, ON P7B 5N2  
T: (807) 624-0777 F: (807) 624-9040 www.jdbarnes.com

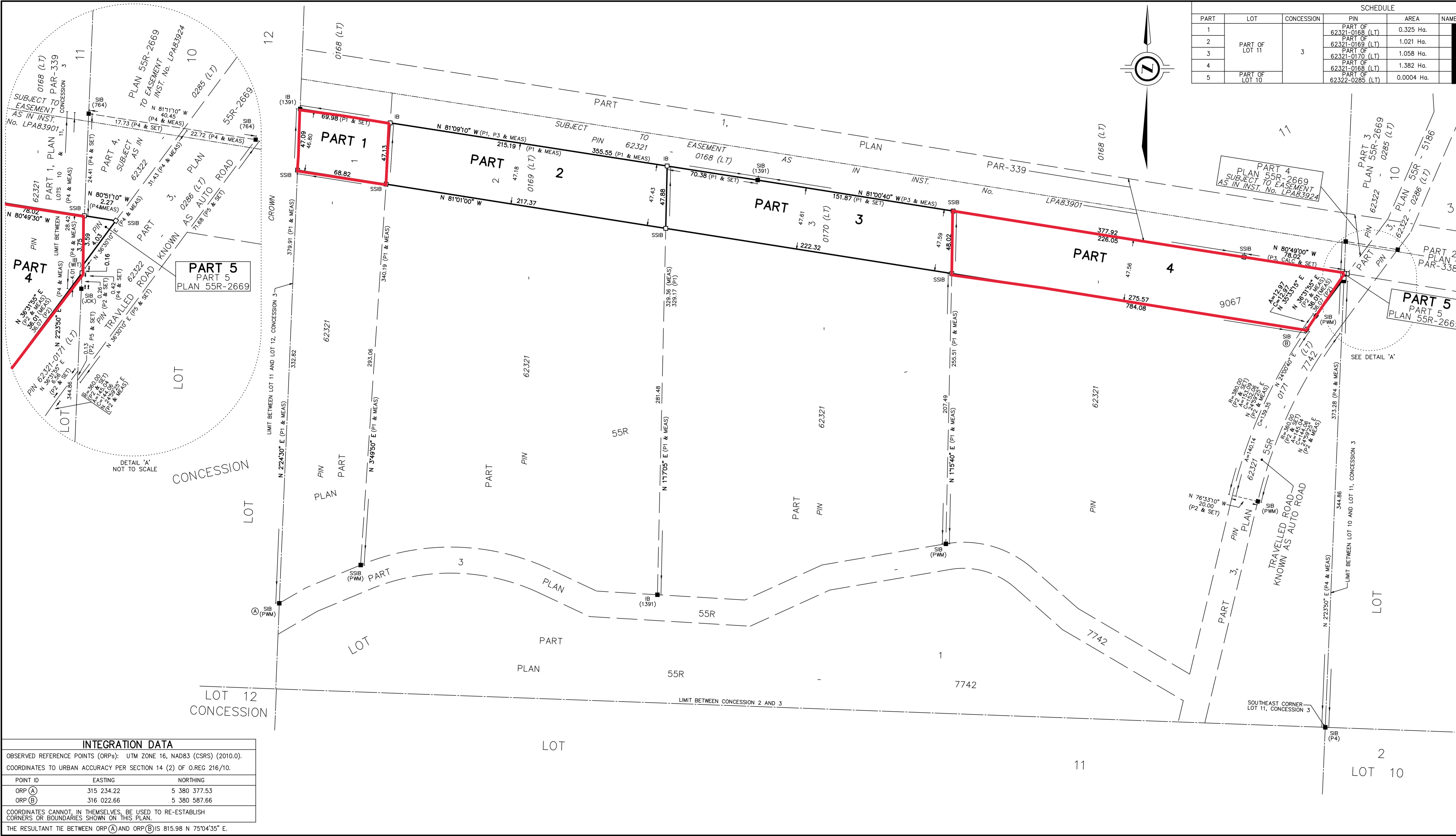
DRAWN BY: KJ	CHECKED BY: SR	REFERENCE NO.: 23-32-118-00
PLOTTED: 12/05/23	DATED: 12/05/23	

PIN 623210168  
Parent Property: 63.84 Acres  
New Expropriated Rights Required: 4.22 Acres



- |  |   |
|--|---|
|  Towers     |  New Expropriation Rights Required |
|  Centreline |  Subject Parcel                    |
|  |  Teranet Parcel                    |

**Waasigan Line (Phase 1)**  
**PIN 623210168**



SCHEDULE					
PART	LOT	CONCESSION	PIN	AREA	NAMES OF MOST RECENT TRANSFEREE(S)
1	PART OF LOT 11	3	PART OF 62321-0168 (LT)	0.325 Ha.	
2			PART OF 62321-0168 (LT)	1.021 Ha.	
3			PART OF 62321-0170 (LT)	1.058 Ha.	
4			PART OF 62321-0168 (LT)	1.382 Ha.	
5	PART OF LOT 10		PART OF 62322-0285 (LT)	0.0004 Ha.	

PLAN 55R-15154

Received and deposited

November 2<sup>nd</sup>, 2023

Tere Wendover

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

PLAN OF SURVEY OF  
PART OF LOTS 10 AND 11  
CONCESSION 3

GEOGRAPHIC TOWNSHIP OF WARE  
DISTRICT OF THUNDER BAY

SCALE 1 : 1500

THE INTENDED PLOT SIZE OF THIS PLAN IS 915mm IN WIDTH BY 457mm IN HEIGHT  
WHEN PLOTTED AT A SCALE OF 1:1500

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.  
AREA SHOWN ON THIS PLAN ARE IN HECTARES AND CAN BE CONVERTED TO ACRES BY MULTIPLYING BY 2.471.

NOTES

BEARINGS ARE UTM GRID, DERIVED BY REAL TIME KINEMATIC (RTK) OBSERVATIONS FROM A LOCAL BASE STATION (N 5 380 398.47, E 516 747.27) ESTABLISHED USING THE PRECISE POINT POSITIONING (PPP) SERVICE, TO OBSERVED REFERENCE POINTS (ORP'S) A AND B, UTM ZONE 16, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999966.

FOR BEARING COMPARISONS, A ROTATION OF 1°55'15" CLOCKWISE WAS APPLIED TO BEARINGS ON P1.

FOR BEARING COMPARISONS, A ROTATION OF 1°52'55" CLOCKWISE WAS APPLIED TO BEARINGS ON P2.

FOR BEARING COMPARISONS, A ROTATION OF 1°52'00" CLOCKWISE WAS APPLIED TO BEARINGS ON P3.

FOR BEARING COMPARISONS, A ROTATION OF 1°49'50" CLOCKWISE WAS APPLIED TO BEARINGS ON P4 AND P5.

LEGEND

■	DENOTES	SURVEY MONUMENT FOUND
□	DENOTES	SURVEY MONUMENT SET
SIB	DENOTES	STANDARD IRON BAR
SSIB	DENOTES	SHORT STANDARD IRON BAR
IB	DENOTES	IRON BAR
WT	DENOTES	WITNESS
MEAS	DENOTES	MEASURED
JDB	DENOTES	J.D. BARNES LIMITED, O.L.S.
MM	DENOTES	MARSHALL MACKLIN MONAGHAN ONTARIO LIMITED, O.L.S.
PWM	DENOTES	PHILLIPS, WILSON & MILTON LIMITED, O.L.S.
1391	DENOTES	BARRY ROBERT MASKELL, O.L.S.
764	DENOTES	J.C. KIRKUP, O.L.S.
P1	DENOTES	PLAN 55R-9067
P2	DENOTES	PLAN 55R-7742
P3	DENOTES	PLAN PAR-339
P4	DENOTES	PLAN 55R-2669
P5	DENOTES	PLAN 55R-5186
LT	DENOTES	LAND TITLES
PIN	DENOTES	PROPERTY IDENTIFICATION NUMBER

ALL SET SSIB 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

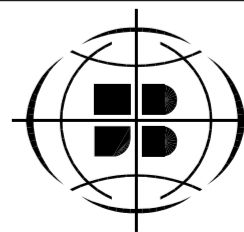
I CERTIFY THAT:

- 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.
- THE SURVEY WAS COMPLETED ON THE 27TH DAY OF JULY, 2023.

NOVEMBER 1, 2023  
DATE

SHAFC HABEBUR RAHMAN  
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-65745.



J.D. BARNES  
LIMITED

SURVEYING  
MAPPING  
GIS

LAND INFORMATION SPECIALISTS  
1158 RUSSELL STREET, THUNDER BAY, ON P7B 5N2  
T: (807) 622-6277 F: (807) 626-8040 www.jdbarnes.com

DRAWN BY:	TH/KJ	CHECKED BY:	SR	REFERENCE NO.:	23-32-118-00-SEC 15
PLOTTED:	11/01/23	DATED:	11/01/23		

FILE: G:\23-32-118\00\Drawing\Section 15\118-00-RPLAN-SECTION 15.dgn

INTEGRATION DATA		
OBSERVED REFERENCE POINTS (ORP'S): UTM ZONE 16, NAD83 (CSRS) (2010.0).		
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.		
POINT ID	EASTING	NORTHING
ORP (A)	315 234.22	5 380 377.53
ORP (B)	316 022.66	5 380 587.66
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 815.98 N 75°04'35" E.		

PIN 623210162  
Parent Property: 158.23 Acres  
New Expropriated Rights Required: 9.27 Acres

New Expropriated Rights Required:  
- Area: 9.27 Acres  
- Parts 1 & 2 on Reference Plan 55R-15321

623210162

REKOLA RD

Sketch Plan only. Subject to final engineering and survey.  
\* Hydro One Right-of-Way to be 46 m wide (or 150 ft).

- ▲ Towers
- Centreline
- ▭ New Expropriation Rights Required
- ▭ Subject Parcel
- ▭ Teranet Parcel

Waasigan Line (Phase 1)  
PIN 623210162



PIN 623210140

Parent Property: 157.54 Acres  
New Expropriated Rights Required: 9.04 Acres

Filed: 2024-11-08  
EB-2024-0319  
Appendix 5 – TB 73  
Page 1 of 2

New Expropriated Rights Required:  
- Area: 9.04 Acres  
- Part 1 on Reference Plan  
55R-15326






623210140

FISHER RD

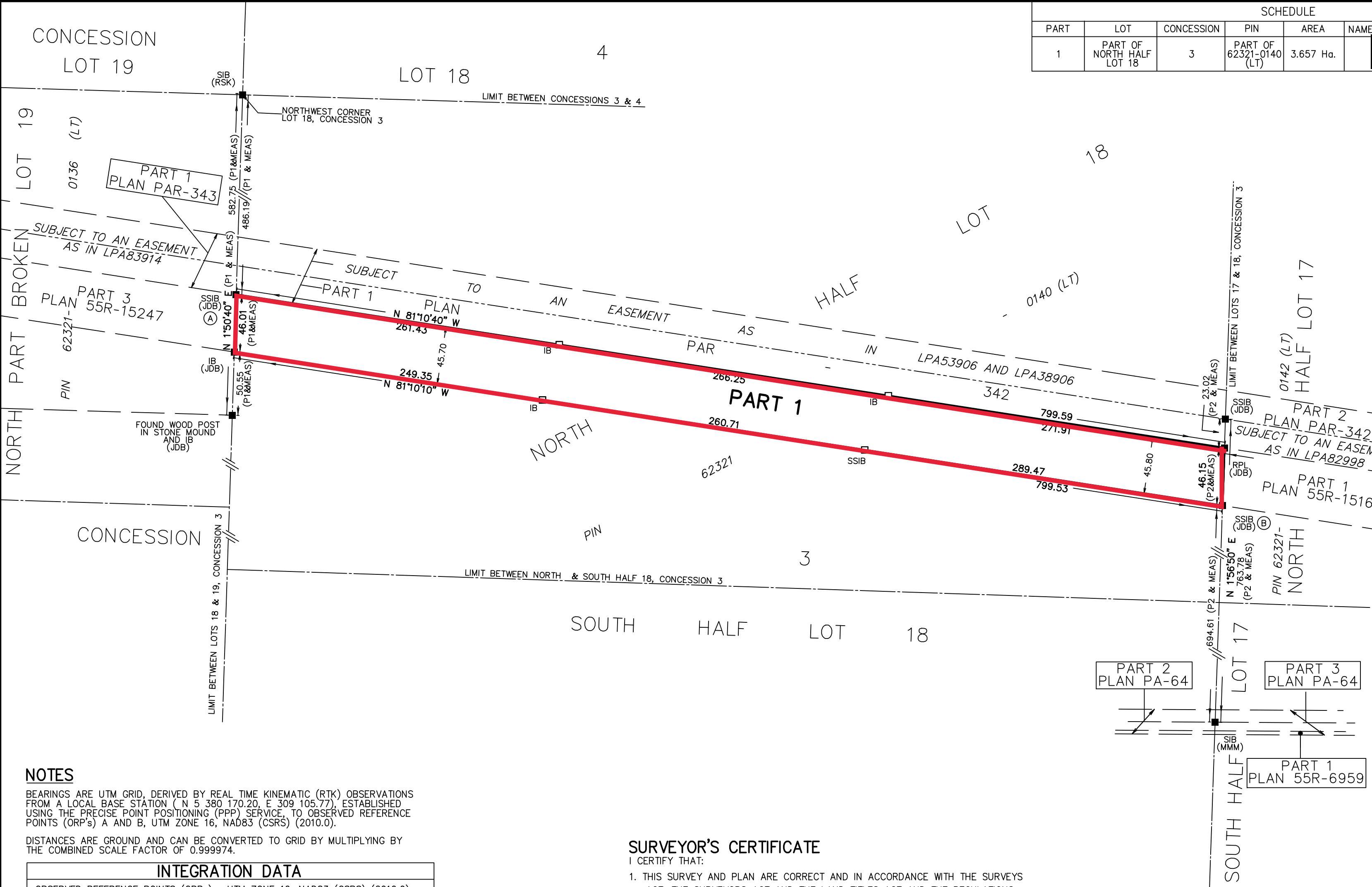
NIEMI RD

HILL RD

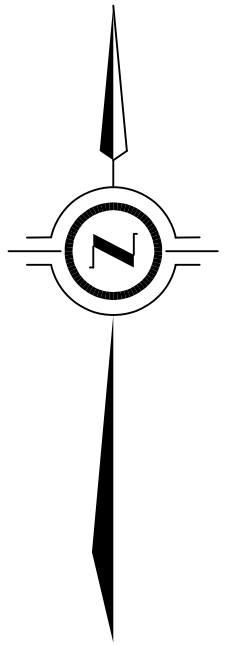
Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).

-  Towers
-  New Expropriation Rights Required
-  Centreline
-  Subject Parcel
-  Teranet Parcel

**Waasigan Line (Phase 1)**  
**PIN 623210140**



SCHEDULE					
PART	LOT	CONCESSION	PIN	AREA	NAMES OF MOST RECENT TRANSFEREE(S)
1	PART OF NORTH HALF LOT 18	3	PART OF 62321-0140 (LT)	3.657 Ha.	



PLAN 55R-15326

Received and deposited

November 7<sup>th</sup>, 2024

Mary Beth Ouellette

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

PLAN OF SURVEY OF  
PART OF NORTH HALF LOT 18  
CONCESSION 3

GEOGRAPHIC TOWNSHIP OF WARE  
DISTRICT OF THUNDER BAY

SCALE 1 : 2500



THE INTENDED PLOT SIZE OF THIS PLAN IS 609mm IN WIDTH BY 356mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:2500.

J.D. BARNES LIMITED

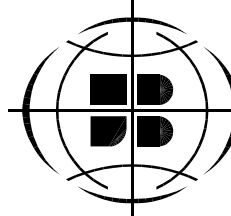
**METRIC** DISTANCES AND/OR COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

AREAS SHOWN ON THIS PLAN ARE IN HECTARES AND CAN BE CONVERTED TO ACRES BY MULTIPLYING BY 2.471.

LEGEND

■	DENOTES	SURVEY MONUMENT FOUND
□	DENOTES	SURVEY MONUMENT SET
SIB	DENOTES	STANDARD IRON BAR
SSIB	DENOTES	SHORT STANDARD IRON BAR
IB	DENOTES	IRON BAR
RPL	DENOTES	ROCK PLUG
MEAS	DENOTES	MEASURED
JDB	DENOTES	J.D. BARNES LIMITED, O.L.S.
RSK	DENOTES	R.S. KIRKUP & SON SURVEYORS & ENGINEERS, O.L.S.
MMM	DENOTES	MARSHALL MACKLIN MONAGHAN LTD., O.L.S.
P1	DENOTES	PLAN 55R-15247
P2	DENOTES	PLAN 55R-15161
LT	DENOTES	LAND TITLES
PIN	DENOTES	PROPERTY IDENTIFICATION NUMBER

ALL SET SSIB 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.



**J.D. BARNES**  
LIMITED  
SURVEYING  
MAPPING  
GIS  
LAND INFORMATION SPECIALISTS  
1158 RUSSELL STREET, THUNDER BAY, ON P7B 5N2  
T: (807) 622-6277 F: (807) 626-8040 www.jdbarnes.com

DRAWN BY: MS	CHECKED BY: JPH	REFERENCE NO.: 23-32-118-00 (SECTION 18A)
PLOTTED: 2024-11-07	DATED: 2024-11-07	

NOTES

BEARINGS ARE UTM GRID, DERIVED BY REAL TIME KINEMATIC (RTK) OBSERVATIONS FROM A LOCAL BASE STATION (N 5 380 170.20, E 309 105.77), ESTABLISHED USING THE PRECISE POINT POSITIONING (PPP) SERVICE, TO OBSERVED REFERENCE POINTS (ORP's) A AND B, UTM ZONE 16, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999974.

INTEGRATION DATA		
OBSERVED REFERENCE POINTS (ORP's): UTM ZONE 16, NAD83 (CSRS) (2010.0).		
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.		
POINT ID	EASTING	NORTHING
ORP (A)	309 659.88	5 381 626.28
ORP (B)	310 448.42	5 381 457.55
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 806.41 N 77°55'20" W.		

SURVEYOR'S CERTIFICATE

- I CERTIFY THAT:
- 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.
  - THE SURVEY WAS COMPLETED ON OCTOBER 17, 2024.

OCTOBER 29, 2024  
DATE

  
JASON P. HAZEN  
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-70555.

PIN 623180110

Parent Property: 111.94 Acres

New Expropriated Rights Required: 5.87 Acres

Filed: 2024-11-08

EB-2024-0319

Appendix 5 – TB 80

Page 1 of 2

WILFS RD

New Expropriated Rights Required:

- Area: 5.87 Acres
- Part 1 on Reference Plan 55R-15325

623180110

Sketch Plan only. Subject to final engineering and survey.  
\* Hydro One Right-of-Way to be 46 m wide (or 150 ft).



Produced By: Hydro One Networks Inc., GIS Services  
Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_TB80-623180110

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Towers



Centreline



New Expropriation Rights Required



Subject Parcel



Teranet Parcel

Waasigan Line (Phase 1)

PIN 623180110

1:5,000

0 50 100 m





PIN 62319013

Parent Property: 97.97 Acres

New Expropriated Rights Required: 4.41 Acres

623190131

FLETT RD

FINMARK RD

New Expropriated Rights Required:  
- Area: 4.41 Acres  
- Parts 5 & 6 on Reference Plan 55R-15316

Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).



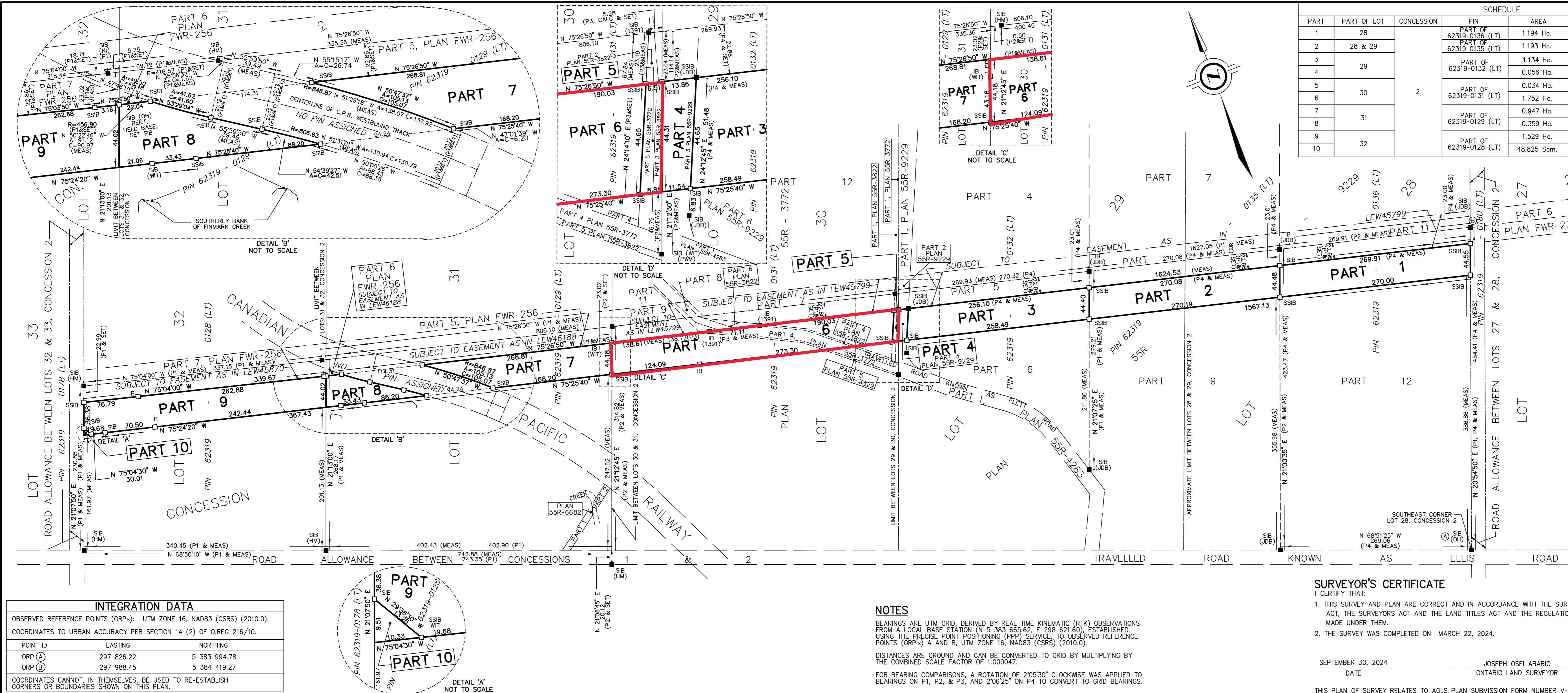
Produced By: Hydro One Networks Inc., GIS Services  
Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_TB106-623190131

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TO HYDRO ONE NETWORKS INC.

- |  |            |  |                                   |
|--|------------|--|-----------------------------------|
|  | Towers     |  | New Expropriation Rights Required |
|  | Centreline |  | Subject Parcel                    |
|  |            |  | Teranet Parcel                    |

**Waasigan Line (Phase 1)**  
**PIN 623190131**

1:5,000 0 50 100 m



SCHEDULE					
PART	PART OF LOT	CONCESSION	PIN	AREA	NAMES OF MOST RECENT TRANSFEREE(S)
1	28	2	PART OF 62319-0136 (LT)	1.194 Ha.	
2	28 & 29		PART OF 62319-0135 (LT)	1.193 Ha.	
3	29		PART OF 62319-0132 (LT)	1.134 Ha.	
4				0.056 Ha.	
5	30		PART OF 62319-0131 (LT)	0.034 Ha.	
6				1.752 Ha.	
7	31		PART OF 62319-0129 (LT)	0.947 Ha.	
8				0.359 Ha.	
9	32		PART OF 62319-0128 (LT)	1.529 Ha.	
10				48.825 Sqm.	

**PLAN 55R-15316**  
Received and deposited  
October 7<sup>th</sup>, 2024  
Angelique Fagegaltier  
Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

PLAN OF SURVEY OF  
**PART OF LOTS 28 TO 32**  
**CONCESSION 2**  
DAWSON ROAD LOTS  
DISTRICT OF THUNDER BAY

SCALE 1 : 3000  
THE INTENDED PLOT SIZE OF THIS PLAN IS 915mm IN WIDTH BY 356mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:3000.  
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.  
AREAS SHOWN ON THIS PLAN ARE IN HECTARES AND CAN BE CONVERTED TO ACRES BY MULTIPLYING BY 2.471.

- LEGEND**
- DENOTES SURVEY MONUMENT FOUND
  - DENOTES SURVEY MONUMENT SET
  - SIB DENOTES STANDARD IRON BAR
  - SSIB DENOTES SHORT STANDARD IRON BAR
  - IB DENOTES IRON BAR
  - WIT DENOTES WITNESS
  - MEAS DENOTES MEASURED
  - CALC DENOTES CALCULATED
  - JDB DENOTES J.D. BARNES LIMITED, O.L.S.
  - PWM DENOTES PHILLIPS, WILSON & MILTON LTD., O.L.S.
  - HM DENOTES HOWARD GRAHAM, O.L.S.
  - OH DENOTES ONTARIO HYDRO SERVICES COMPANY
  - 1391 DENOTES B. MASKELL LTD., O.L.S.
  - P1 DENOTES PLAN FWR-256
  - P2 DENOTES PLAN 55R-3772
  - P3 DENOTES PLAN 55R-3822
  - P4 DENOTES PLAN 55R-9229
  - NI DENOTES NOT IDENTIFIABLE
  - LT DENOTES LAND TITLES
  - PIN DENOTES PROPERTY IDENTIFICATION NUMBER

ALL SET SSIB 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 MARCH 22, 2024.  
SEPTEMBER 30, 2024  
DATE  
JOSEPH OSEI ABABIO  
ONTARIO LAND SURVEYOR  
THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-70531.

**NOTES**  
BEARINGS ARE UTM GRID, DERIVED BY REAL TIME KINEMATIC (RTK) OBSERVATIONS FROM A LOCAL BASE STATION (N 5 383 665.62, E 298 621.60), ESTABLISHED USING THE PRECISE POINT POSITIONING (PPP) SERVICE, TO OBSERVED REFERENCE POINTS (ORPs) A AND B, UTM ZONE 16, NAD83 (CSRS) (2010.0).  
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.000047.  
FOR BEARING COMPARISONS, A ROTATION OF 2'05'30" CLOCKWISE WAS APPLIED TO BEARINGS ON P1, P2, & P3, AND 2'06'25" ON P4 TO CONVERT TO GRID BEARINGS.

INTEGRATION DATA		
OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 16, NAD83 (CSRS) (2010.0).		
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.		
POINT ID	EASTING	NORTHING
ORP (A)	297 826.22	5 383 994.78
ORP (B)	297 988.45	5 384 419.27
COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.		

**J.D. BARNES**  
LIMITED  
LAND INFORMATION SPECIALISTS  
1158 RUSSELL STREET, THUNDER BAY, ON P7B 5N2  
T: (807) 622-6277 F: (807) 626-8040 www.jdbarnes.com

DRAWN BY: KJ	CHECKED BY: JOA	REFERENCE NO.: 23-32-118-00 (SECTION 25)
PLOTTED: 02/27/24		DATED: 02/27/24

PIN 625050591

Parent Property: 72.64 Acres  
New Expropriated Rights Required: 2.89 Acres

Updated: 2024-12-05  
EB-2024-0319  
Appendix 5 – TB 149  
Page 1 of 2

New Expropriated Rights Required:  
- Area: 2.89 Acres  
- Part 1 Reference No. 23-32-118-00  
(Section 31A)

625050591

625050591

HIGHWAY 11

KASHABOWIE RD

Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).



Produced By: Hydro One Networks Inc., GIS Services  
Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_TB149-625050591  
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TO HYDRO ONE NETWORKS INC.

- Towers
- Centreline
- New Expropriation Rights Required
- Subject Parcel
- Teranet Parcel

**Waasigan Line (Phase 1)**  
**PIN 625050591**

1:10,000  
0 100 200 m



INTEGRATION DATA		
OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 15, NAD83 (CSRS) (2010.0).		
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.		
POINT ID	EASTING	NORTHING
ORP (A)	689 884.88	5 391 984.05
ORP (B)	690 247.97	5 392 125.55
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 389.69 N 68°42'30" E.

NOTES

BEARINGS ARE UTM GRID, DERIVED BY REAL TIME KINEMATIC (RTK) OBSERVATIONS FROM A LOCAL BASE STATION (N 5 392 551.97, E 691 836.32), ESTABLISHED USING THE PRECISE POINT POSITIONING (PPP) SERVICE, TO OBSERVED REFERENCE POINTS (ORP's) A AND B, UTM ZONE 15, NAD83 (CSRS) (2010.0)

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999985.

FOR BEARING COMPARISONS, A ROTATION OF 1°48'45" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON PLAN P3 TO CONVERT TO GRID BEARINGS.

SCHEDULE				
PART	PART OF	PART OF PIN	AREA (ha)	NAME(S) OF MOST RECENT TRANSFEREE
1	MINING LOCATION AL-641 & HAINES TOWNSHIP	62505-0591 (LT)	1.17	

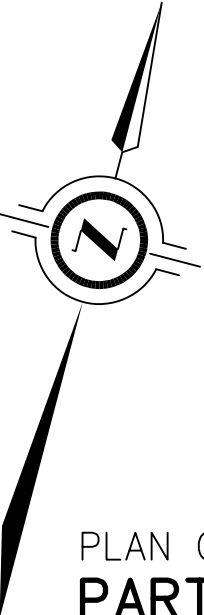
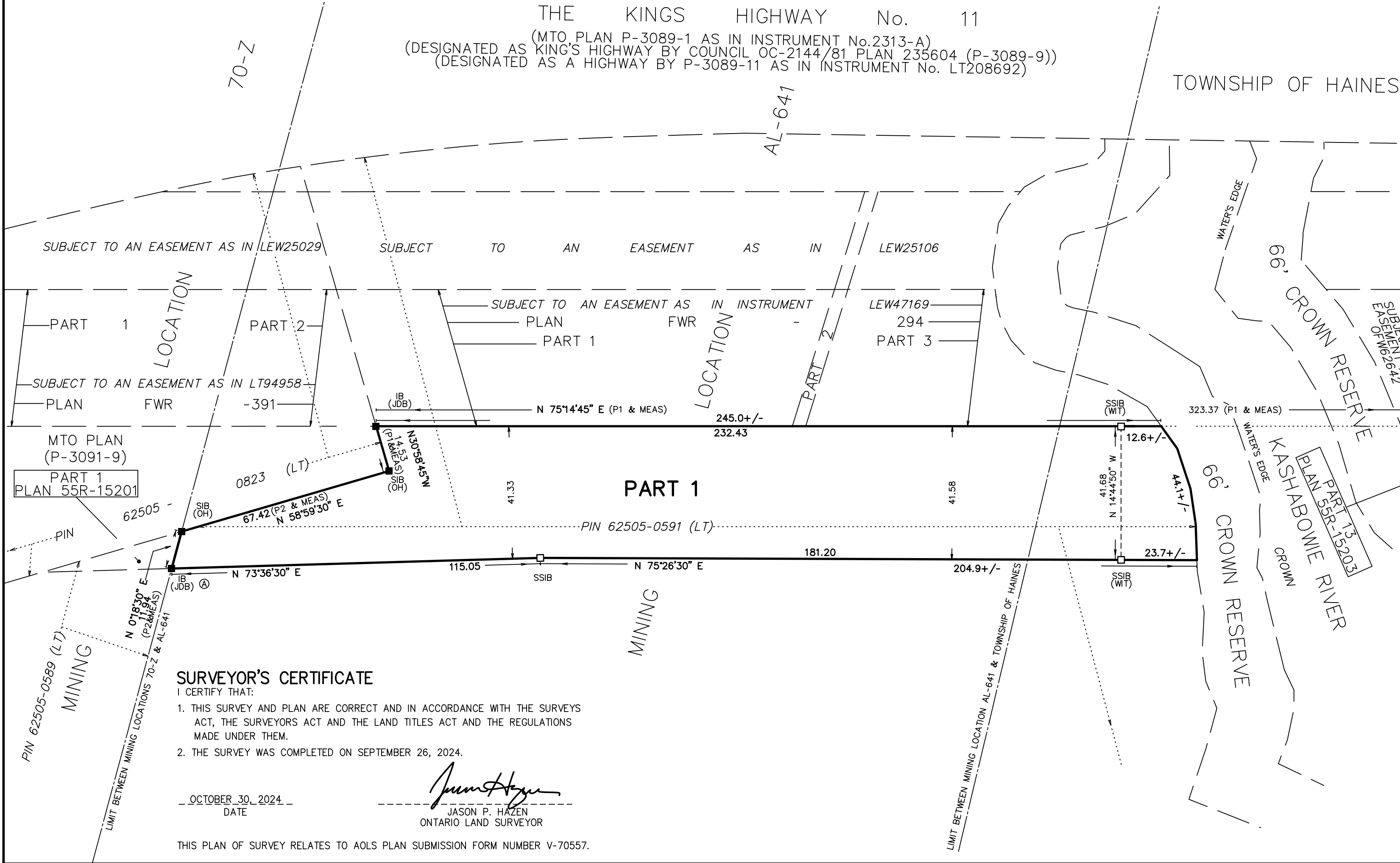
PLAN 55R-15328

Received and deposited

November 12<sup>th</sup>, 2024

Carolette Liburd

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)



PLAN OF SURVEY OF  
PART OF MINING LOCATIONS AL-641  
UNSURVEYED TERRITORY & PART OF  
THE TOWNSHIP OF HAINES  
DISTRICT OF THUNDER BAY



THE INTENDED PLOT SIZE OF THIS PLAN IS 609mm IN WIDTH BY 356mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:1000.

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.

AREAS SHOWN ON THIS PLAN ARE IN HECTARES AND CAN BE CONVERTED TO ACRES BY MULTIPLYING BY 2.471.

LEGEND

- DENOTES SURVEY MONUMENT FOUND
- DENOTES SURVEY MONUMENT SET
- SIB DENOTES STANDARD IRON BAR
- SSIB DENOTES SHORT STANDARD IRON BAR
- IB DENOTES IRON BAR
- WIT DENOTES WITNESS
- MEAS DENOTES MEASURED
- JDB DENOTES J.D. BARNES LIMITED., O.L.S.
- OH DENOTES ONTARIO HYDRO
- MTO DENOTES MINISTRY OF TRANSPORTATION OF ONTARIO
- P1 DENOTES PLAN 55R-15203
- P2 DENOTES PLAN 55R-15201
- P3 DENOTES PLAN FWR-294
- LT DENOTES LAND TITLES
- PIN DENOTES PROPERTY IDENTIFICATION NUMBER

ALL SET SSIB 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.

**J.D. BARNES**  
LIMITED  
SURVEYING  
MAPPING  
GIS  
LAND INFORMATION SPECIALISTS  
1158 RUSSELL STREET, THUNDER BAY, ON P7B 5N2  
T: (807) 622-6277 F: (807) 626-8040 www.jdbarnes.com

DRAWN BY: MS	CHECKED BY: JPH	REFERENCE NO.: 23-32-118-00 (SECTION 31A)
PLOTTED: 11/8/2024		DATED: 11/8/2024

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

- 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.
- THE SURVEY WAS COMPLETED ON SEPTEMBER 26, 2024.

OCTOBER 30, 2024  
DATE

JASON P. HAZEN  
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-70557.

PIN 625051124

Parent Property: 8.6 Acres  
New Expropriated Rights Required: 1.67 Acres

New Expropriated Rights Required:  
- Area: 1.67 Acres  
- Part 8 on Reference Plan 55R-15201

625051124

KASHABOWIE RD

HIGHWAY 11

Sketch Plan only. Subject  
to final engineering and survey.  
\* Hydro One Right-of-Way to  
be 46 m wide (or 150 ft).



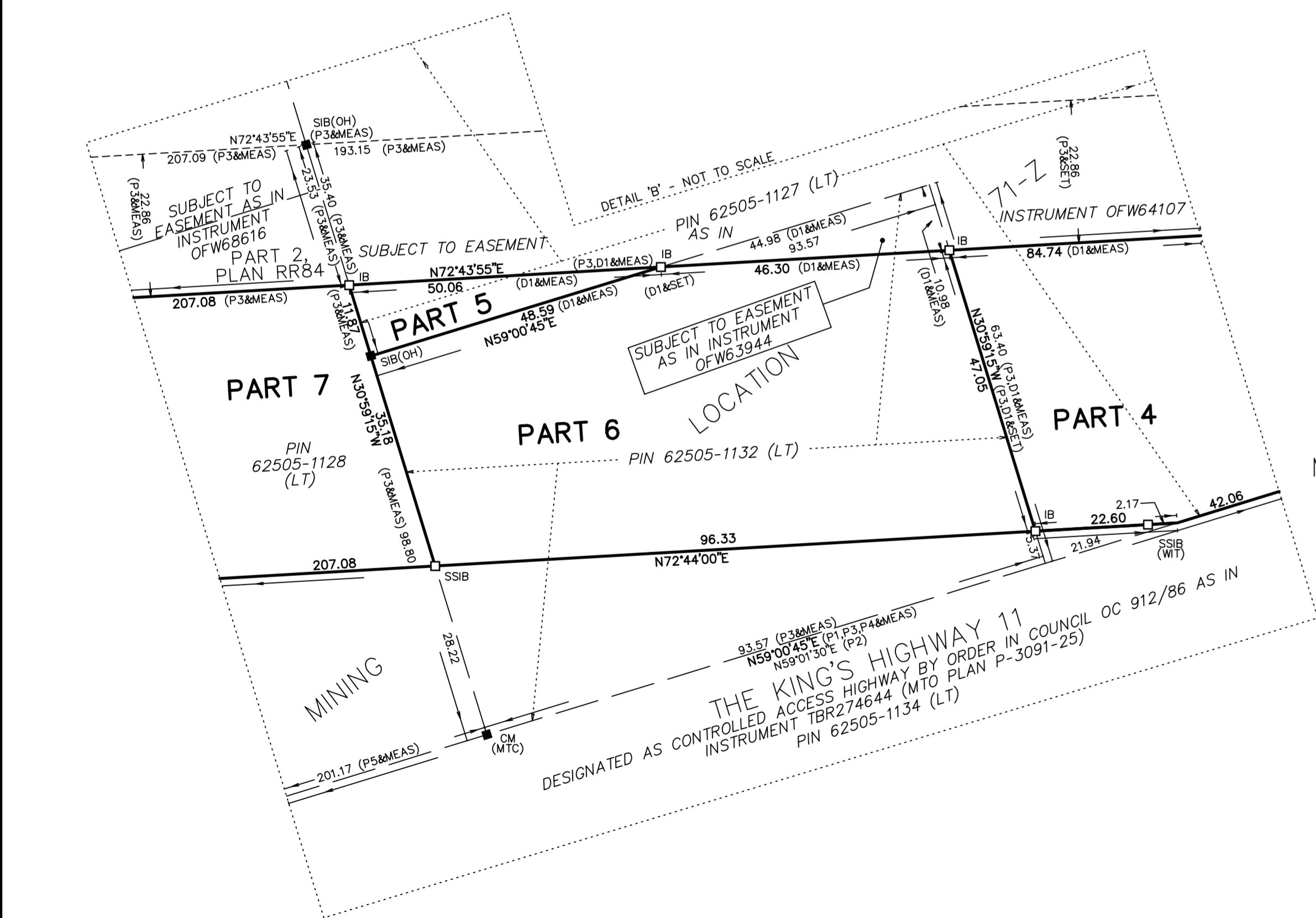
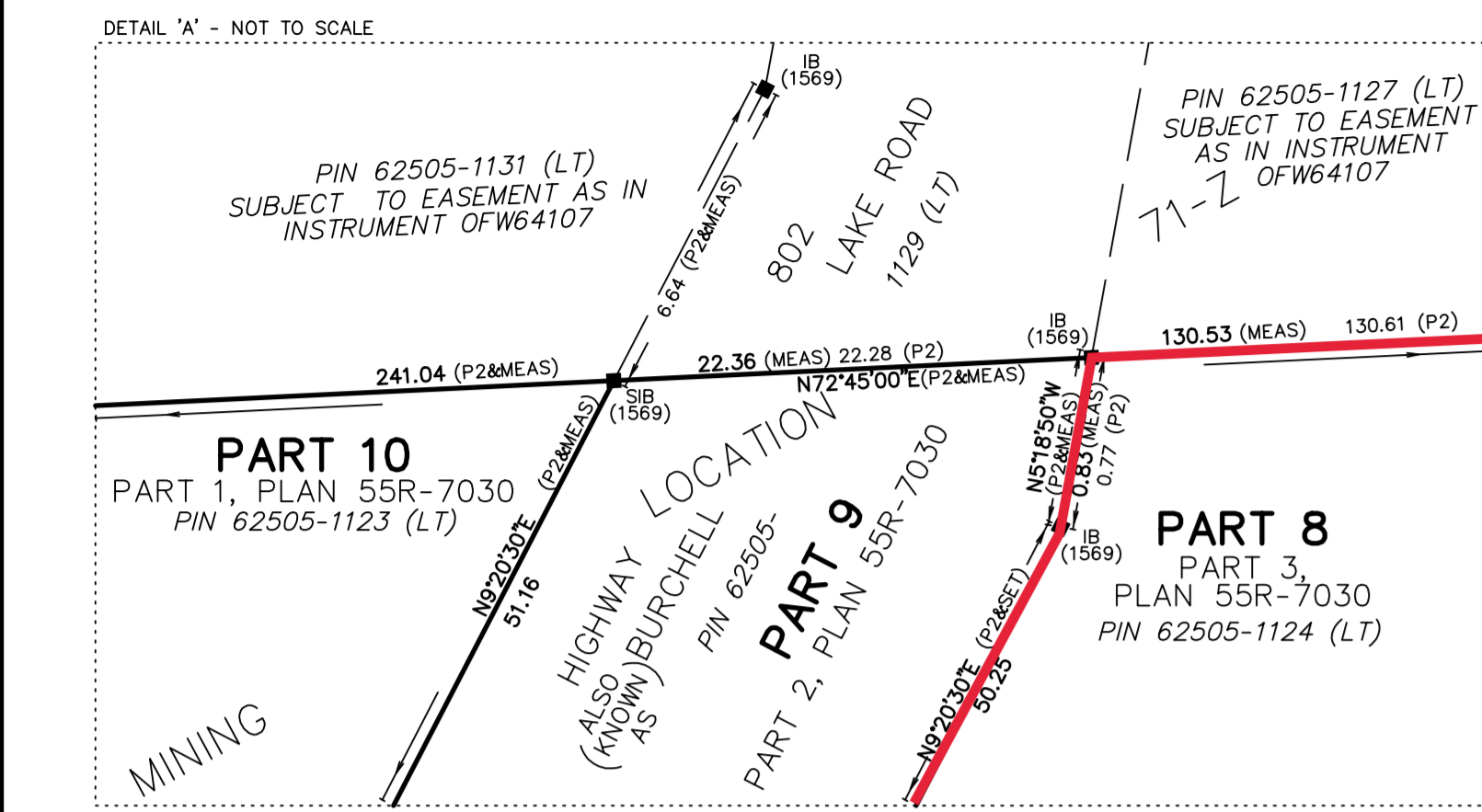
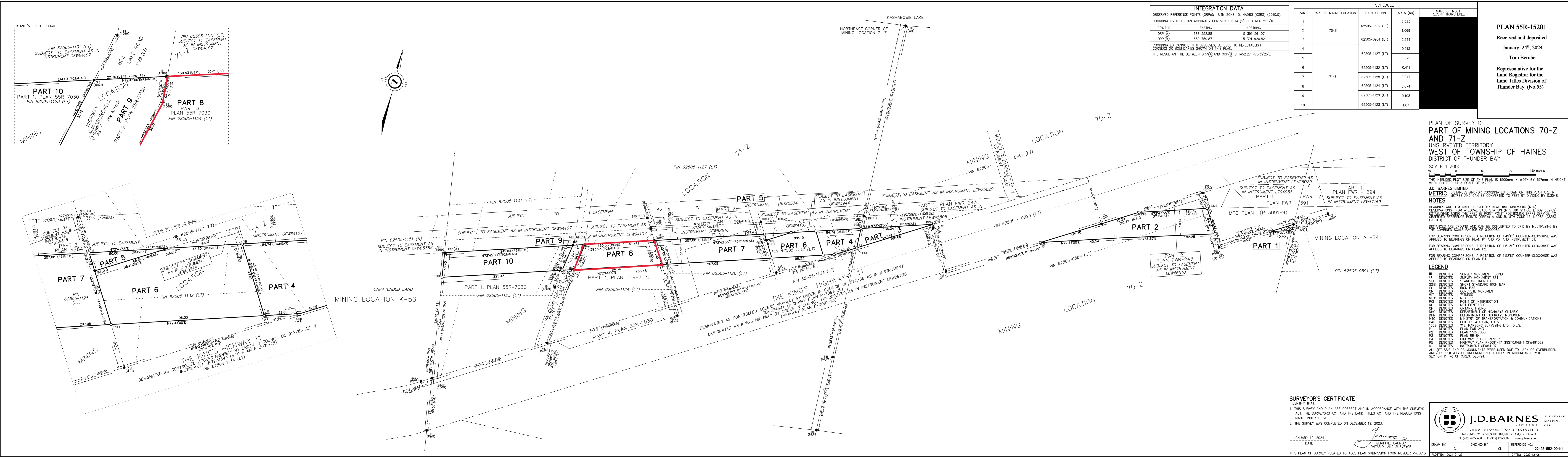
Produced By: Hydro One Networks Inc., GIS Services  
Date: Dec 9, 2022  
Map22-101\_WaasiganLine\_Phase1\_Dec2022\_PIN\_TB155-625051124

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- |  |            |  |                                   |
|--|------------|--|-----------------------------------|
|  | Towers     |  | New Expropriation Rights Required |
|  | Centreline |  | Subject Parcel                    |
|  |            |  | Teranet Parcel                    |

**Waasigan Line (Phase 1)**  
**PIN 625051124**

1:1,000 0 10 20 m



INTEGRATION DATA		
OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 15, NAD83 (CSRS) (2010.0).		
COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.		
POINT ID	EASTING	NORTHING
ORP (A)	688 352.88	5 391 561.07
ORP (B)	689 759.87	5 391 920.82
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 1452.27 N75°39'25"E		

SCHEDULE				NAME OF MOST RECENT TRANSFEE
PART	PART OF MINING LOCATION	PART OF PIN	AREA (ha)	
1	70-Z	62505-0589 (LT)	0.023	
2			1.069	
3		62505-0951 (LT)	0.244	
4	71-Z	62505-1127 (LT)	0.313	
5			0.029	
6		62505-1132 (LT)	0.411	
7		62505-1128 (LT)	0.947	
8		62505-1124 (LT)	0.674	
9		62505-1129 (LT)	0.103	
10		62505-1123 (LT)	1.07	

PLAN 55R-15201

Received and deposited

January 24<sup>th</sup>, 2024

Tom Berube

Representative for the  
Land Registrar for the  
Land Titles Division of  
Thunder Bay (No.55)

PLAN OF SURVEY OF  
PART OF MINING LOCATIONS 70-Z  
AND 71-Z  
UNSURVEYED TERRITORY  
WEST OF TOWNSHIP OF HAINES  
DISTRICT OF THUNDER BAY

SCALE 1:2000

THE INTENDED PLOT SIZE OF THIS PLAN IS 1500mm IN WIDTH BY 457mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:2000

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 BY REAL TIME KINEMATIC (RTK) OBSERVATIONS FROM A LOCAL BASE STATION (N 5 391 911.88, E 689 382.09), ESTABLISHED USING THE PRECISE POINT POSITIONING (PPP) SERVICE, TO OBSERVED REFERENCE POINTS (ORP) A AND B, UTM ZONE 15, NAD83 (CSRS) (2010.0)

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999995.

FOR BEARING COMPARISONS, A ROTATION OF 1°49'15" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON PLAN P1 AND P3, AND INSTRUMENT D WAS APPLIED TO BEARINGS ON PLAN P2.

FOR BEARING COMPARISONS, A ROTATION OF 1°51'30" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON PLAN P4.

FOR BEARING COMPARISONS, A ROTATION OF 1°52'15" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON PLAN P4.

LEGEND

- DENOTES SURVEY MONUMENT FOUND
- DENOTES SURVEY MONUMENT SET
- SIB DENOTES STANDARD IRON BAR
- SSIB DENOTES SHORT STANDARD IRON BAR
- IB DENOTES IRON BAR
- CM DENOTES CONCRETE MONUMENT
- WT DENOTES WITNESS
- MEAS DENOTES MEASURED
- POINT DENOTES POINT OF INTERSECTION
- NI DENOTES NOT IDENTIFIABLE
- OH DENOTES ONTARIO HYDRO
- DHO DENOTES DEPARTMENT OF HIGHWAYS ONTARIO
- DHM DENOTES DEPARTMENT OF HIGHWAYS MONUMENT
- MTC DENOTES MINISTRY OF TRANSPORTATION & COMMUNICATIONS
- P&G DENOTES PHILLIPS & GAVIN, O.L.S.
- 1569 DENOTES W.E. PARSONS SURVEYING LTD., O.L.S.
- P1 DENOTES PLAN FWR-243
- P2 DENOTES PLAN FWR-391
- P3 DENOTES PLAN FWR-44
- P4 DENOTES HIGHWAY PLAN P-3091-5
- P5 DENOTES HIGHWAY PLAN P-3091-17 (INSTRUMENT OFW49102)
- D1 DENOTES INSTRUMENT OFW64107

ALL SET SSB 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 SURVEY ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.

2. THE SURVEY WAS COMPLETED ON DECEMBER 19, 2023.

JANUARY 12, 2024

DATE

GENIPHILL LAOMOC

ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-65815

J.D. BARNES LIMITED

LAND INFORMATION SPECIALISTS

140 RENTFREW DRIVE, SUITE 100, MARKHAM, ON L3R 4B3

T: (905) 477-3500 F: (905) 477-3502 www.jdbarnes.com

DRAWN BY: CL	CHECKED BY: GL	REFERENCE NO: 22-23-552-00-K1
PLOTTED: 2024-01-23		DATED: 2023-12-06