1200 King Road, Burlington

Shadow Studies

February 27th, 2026

giannone
petricone
associates

March 21st (-4 UTC)

SUN ACCESS FACTOR

TIME (-4 UTC)	NHS 1 42,175.26M²	NHS 2 59,156.54 M²	PARK 20,335.97 M²	$A_{S\ TOTAL}$ (M²)	$A_{S\ INTERVAL}$ (M²)
9:00:00 AM	38,447.19	59,135.54	14,969.05	112,551.78	113,883.63
10:00:00 AM	38,597.78	59,156.54	17,461.17	115,215.48	115,038.94
11:00:00 AM	36,873.24	59,156.54	18,832.62	114,862.40	114,932.91
12:00:00 PM	36,434.72	59,156.54	19,412.16	115,003.42	115,678.20
01:00:00 PM	36,870.42	59,146.59	20,335.97	116,352.98	117,237.34
02:00:00 PM	38,663.38	59,122.34	20,335.97	118,121.70	118,882.08
03:00:00 PM	40,596.45	59,104.00	19,942.01	119,642.46	118,681.24
04:00:00 PM	42,175.26	59,082.23	16,462.53	117,720.01	113,511.26
05:00:00 PM	42,175.26	59,020.09	8,107.15	109,302.50	109,426.13
06:00:00 PM	42,175.26	58,860.96	8,513.54	109,549.77	

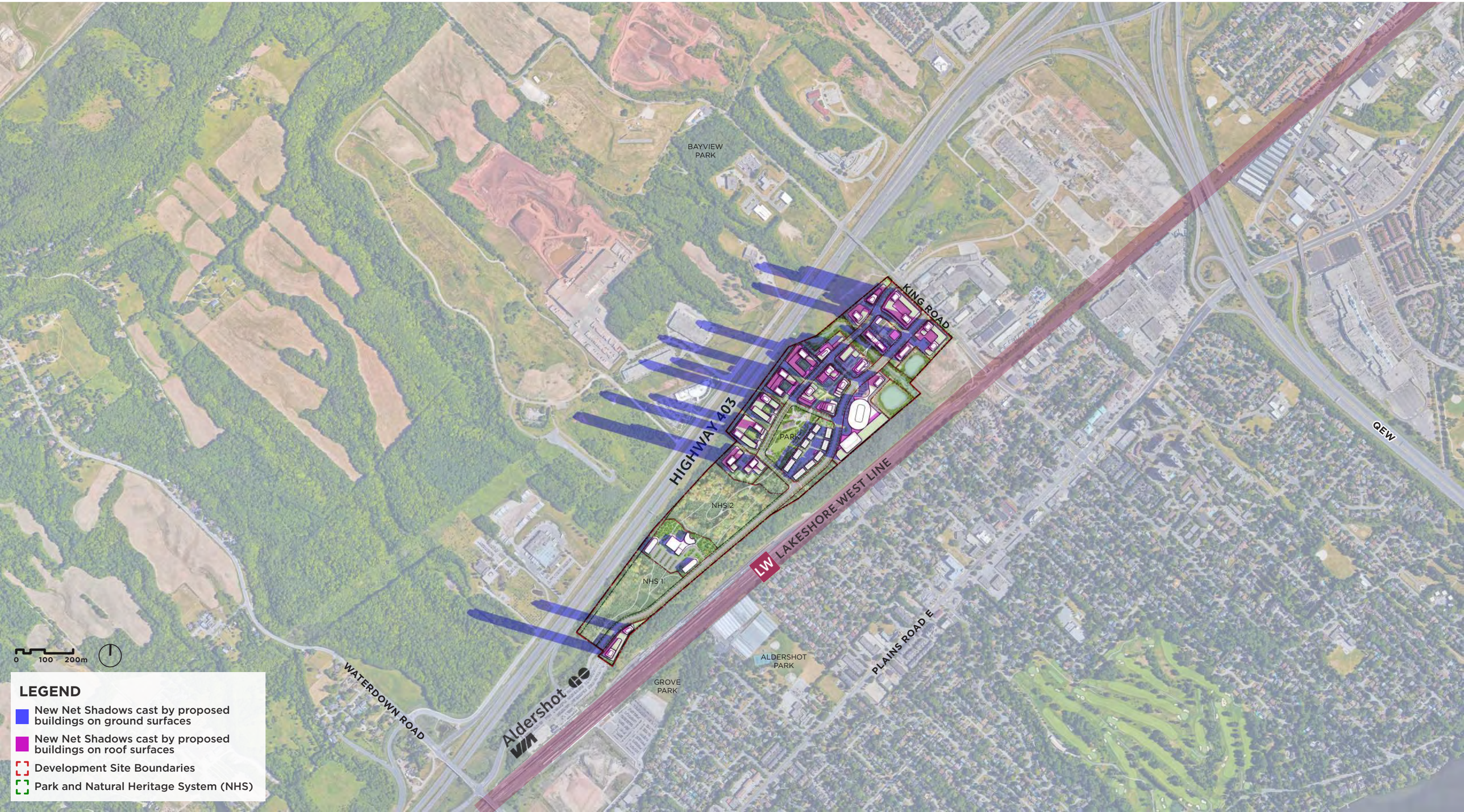
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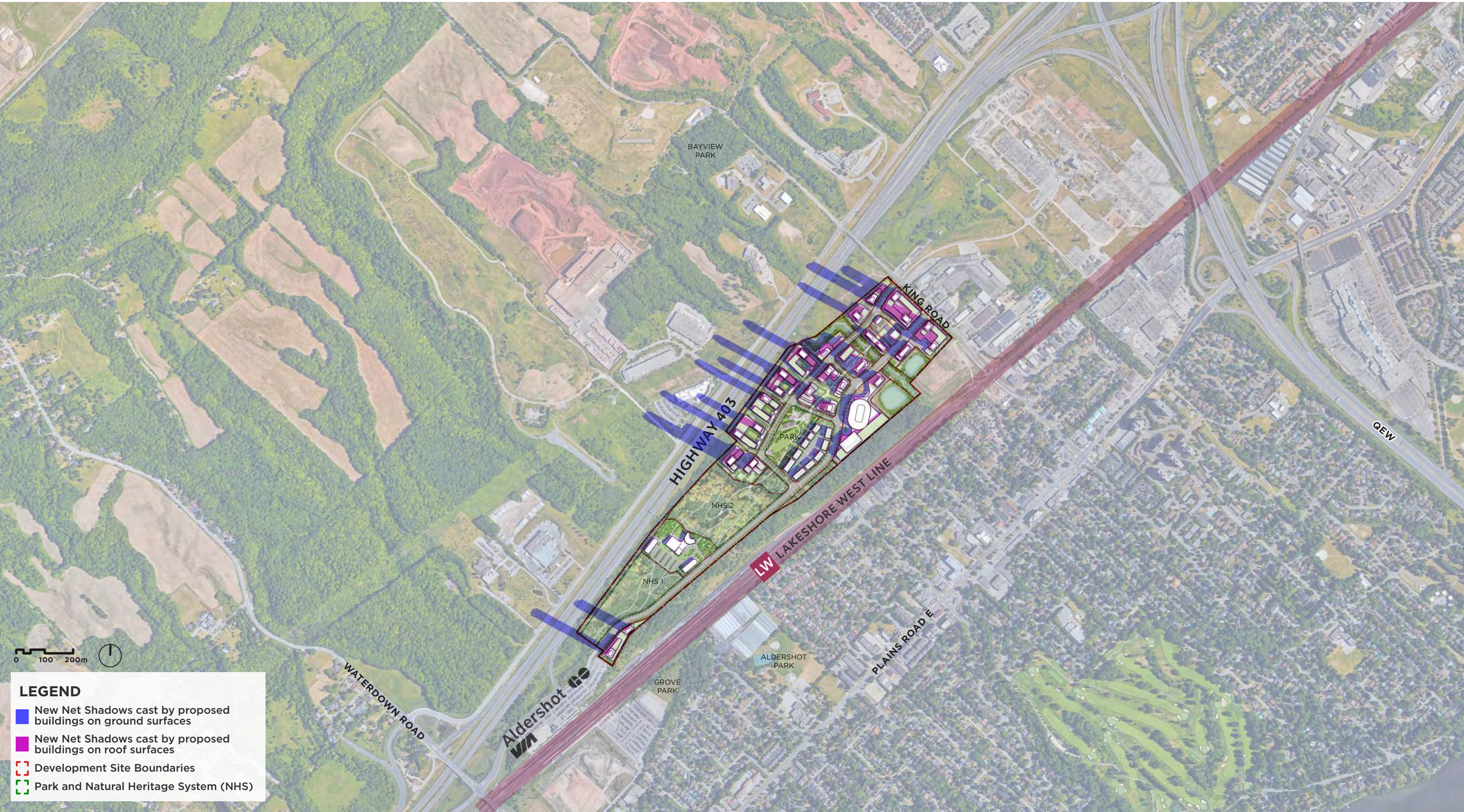
$A_{S\ AVERAGE}$
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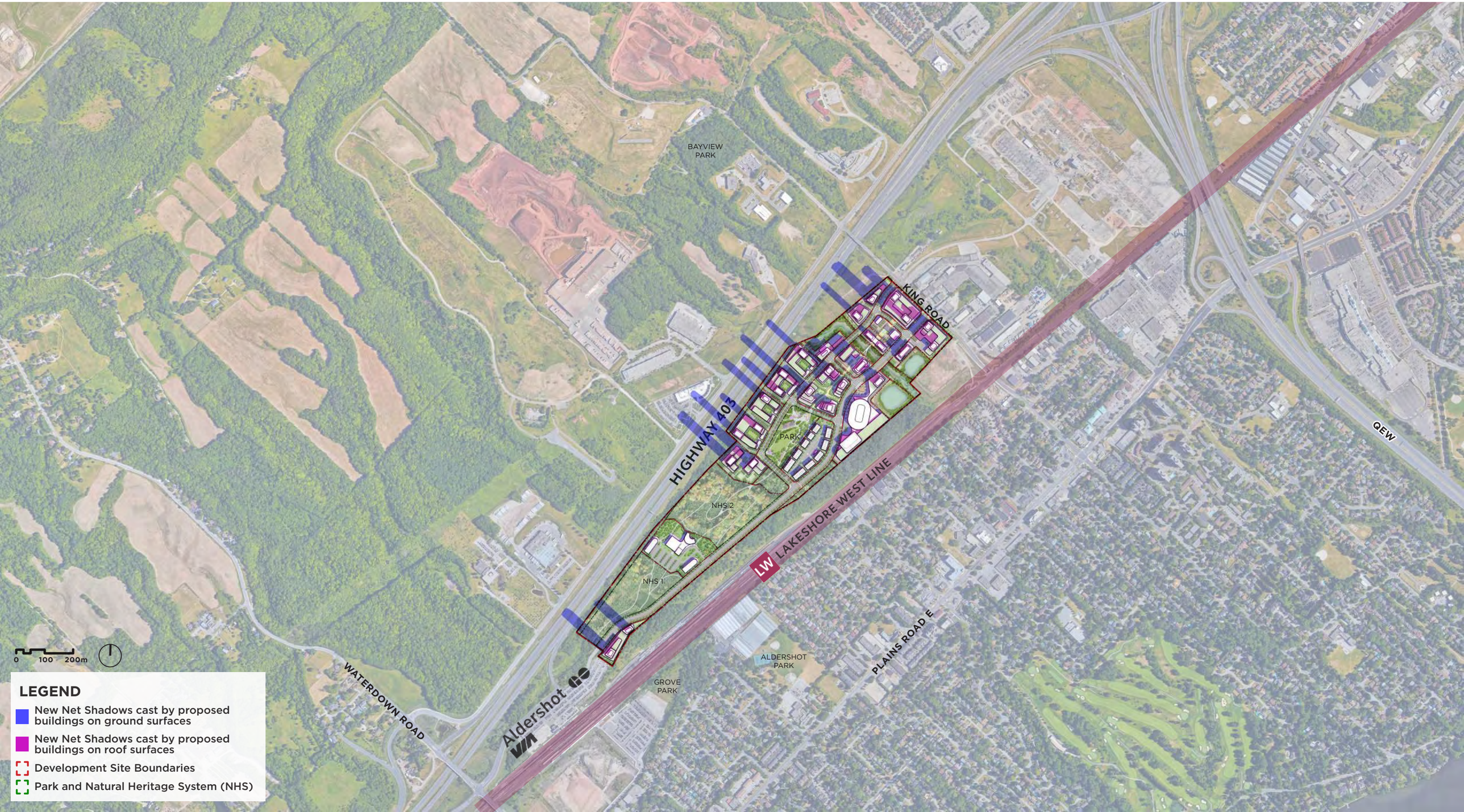
A_T
121,667.77 M²

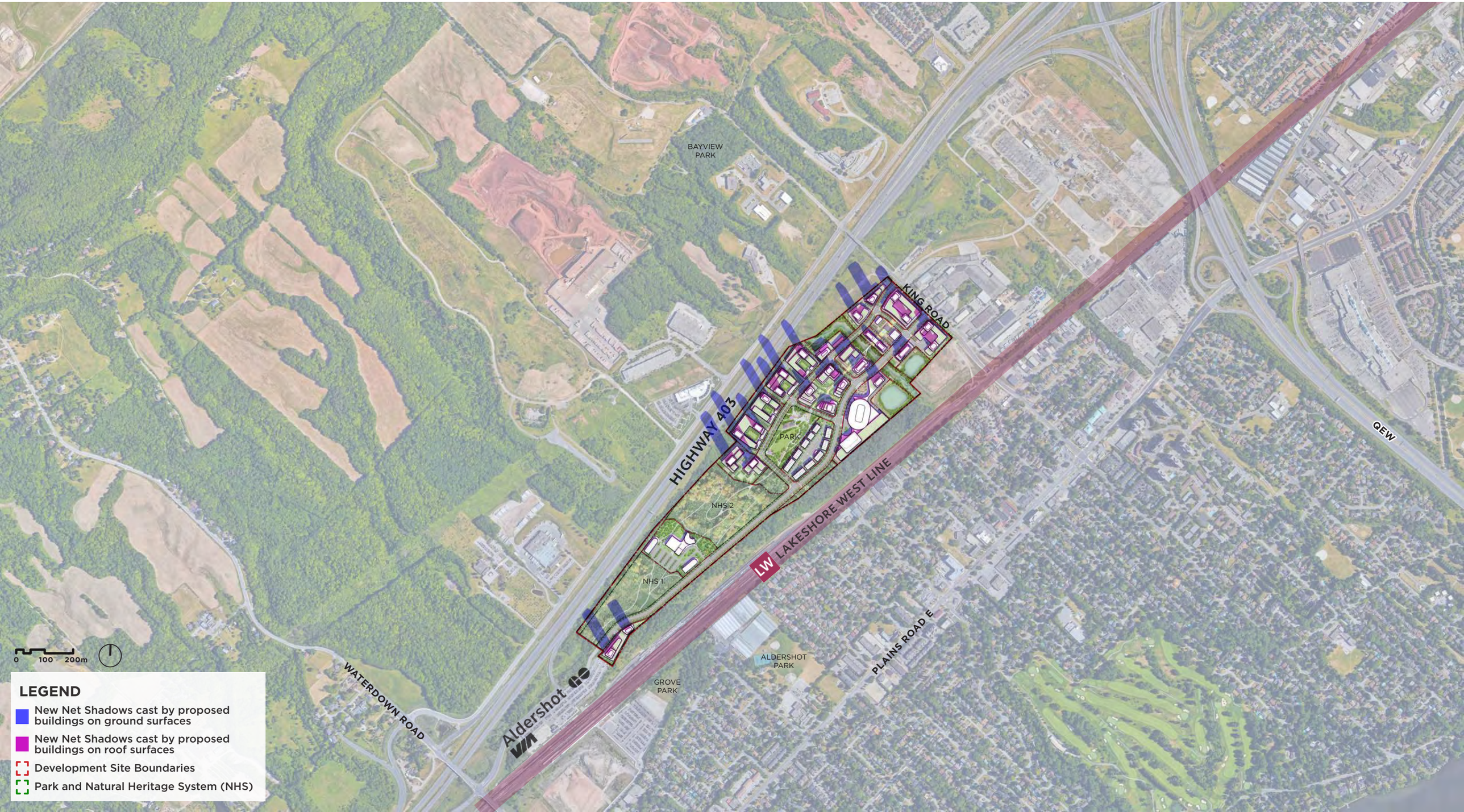
SAF
0.95

SAF (PARK ONLY)
0.83


BAYVIEW PARK
KING ROAD
HIGHWAY 403
PARK
NHS 2
NHS 1
LW LAKESHORE WEST LINE
QEW
PLAINS ROAD E
ALDERSHOT PARK
GROVE PARK
WATERDOWN ROAD
Aldershot
0 100 200m
LEGEND
New Net Shadows cast by proposed buildings on ground surfaces
New Net Shadows cast by proposed buildings on roof surfaces
Development Site Boundaries
Park and Natural Heritage System (NHS)


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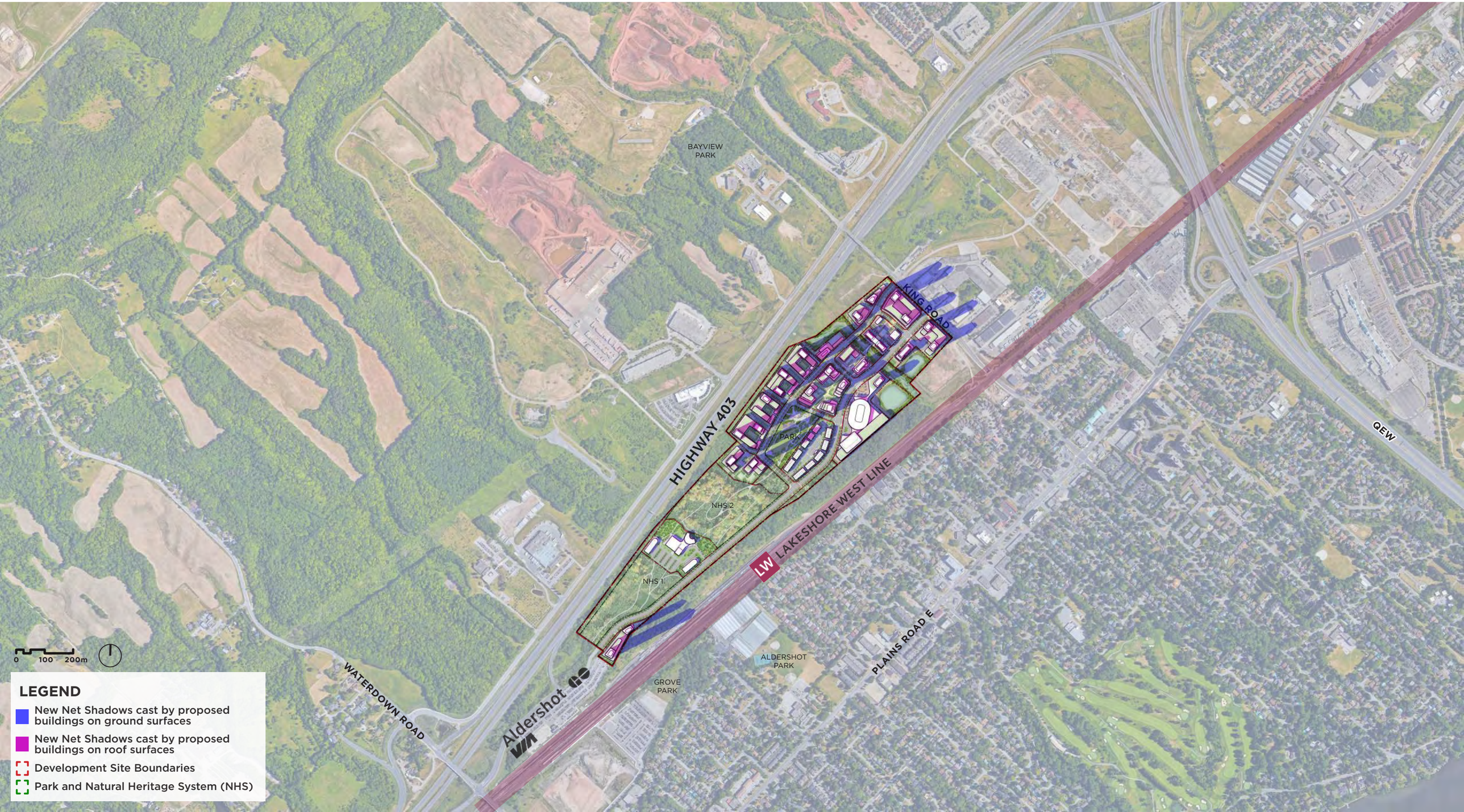

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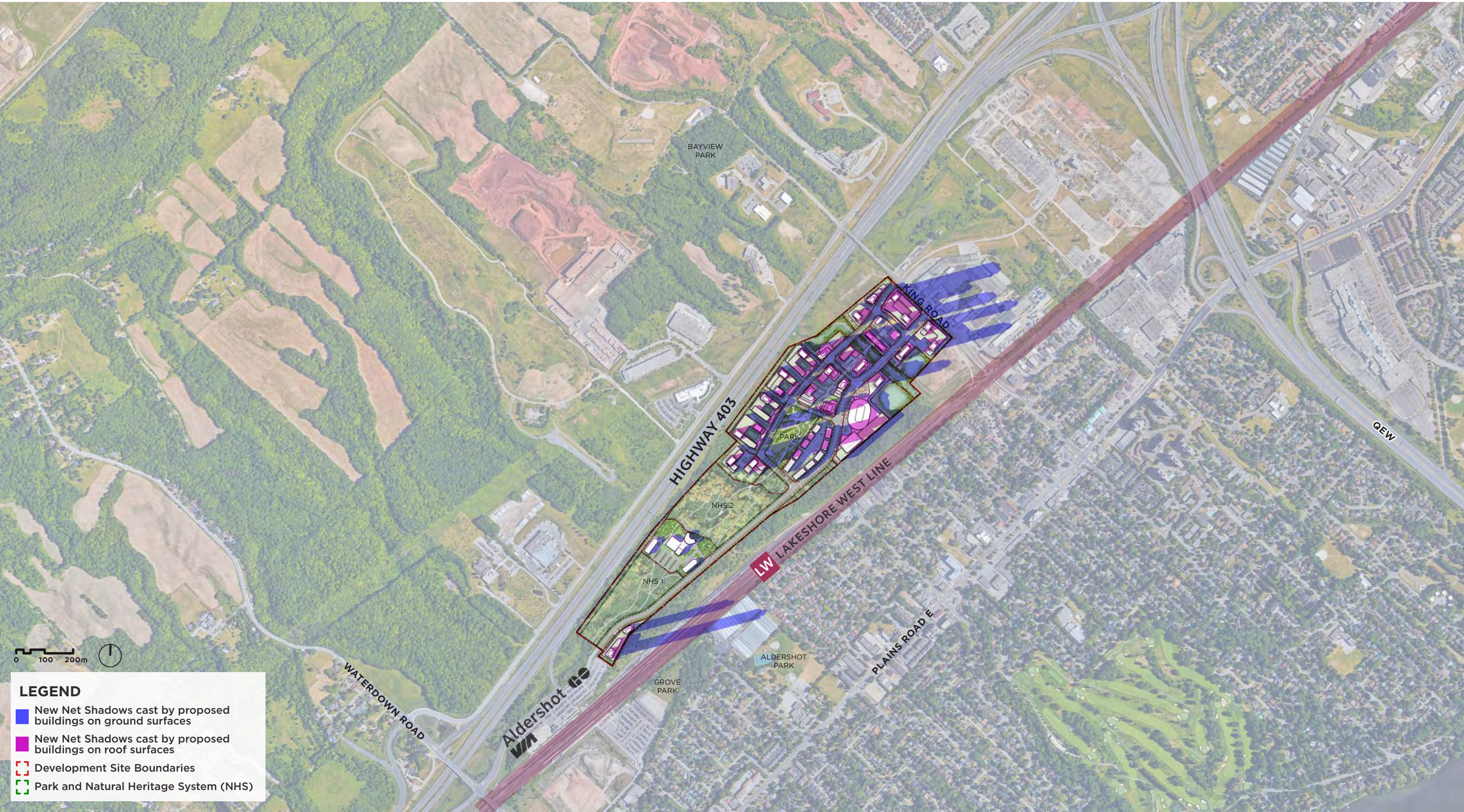

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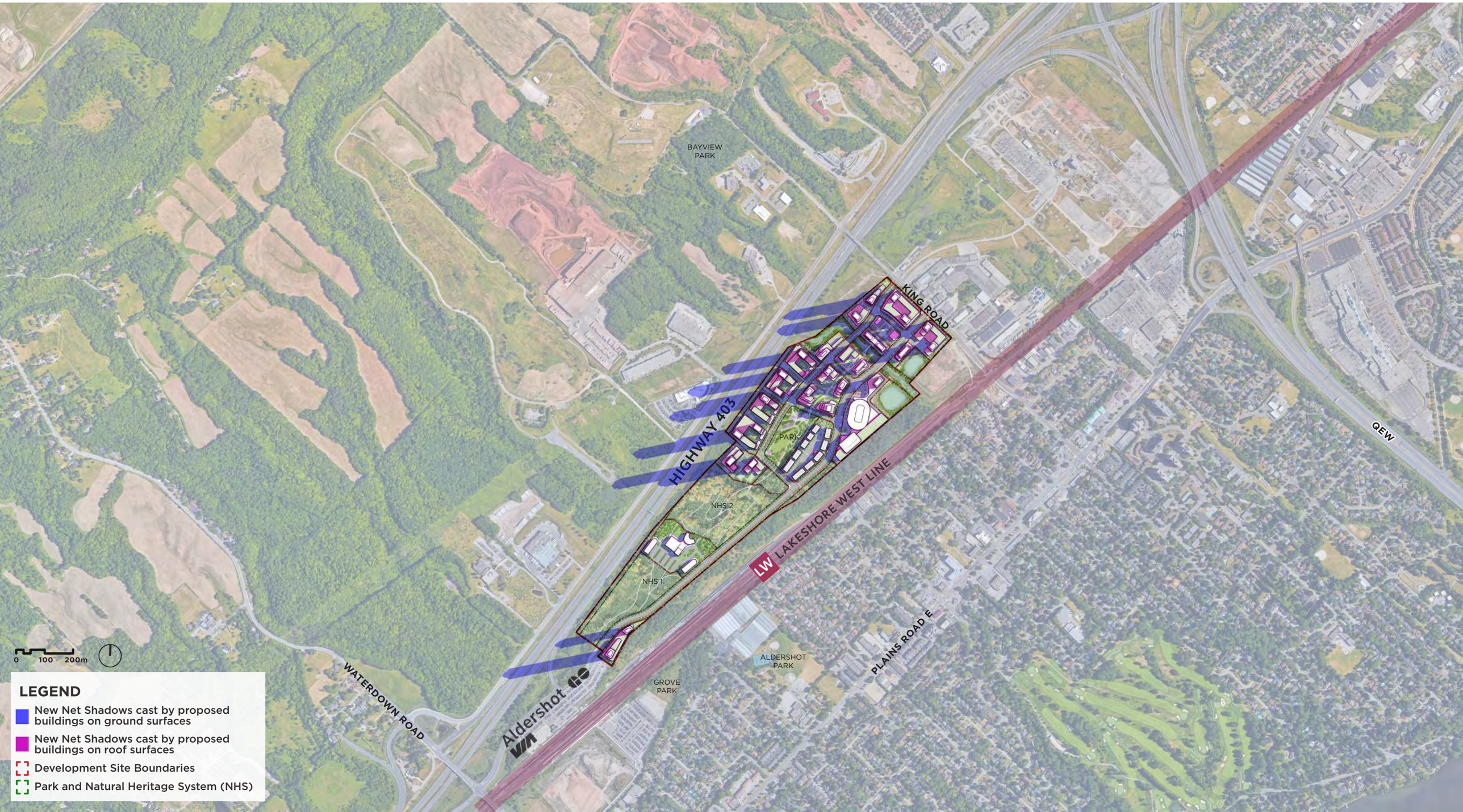

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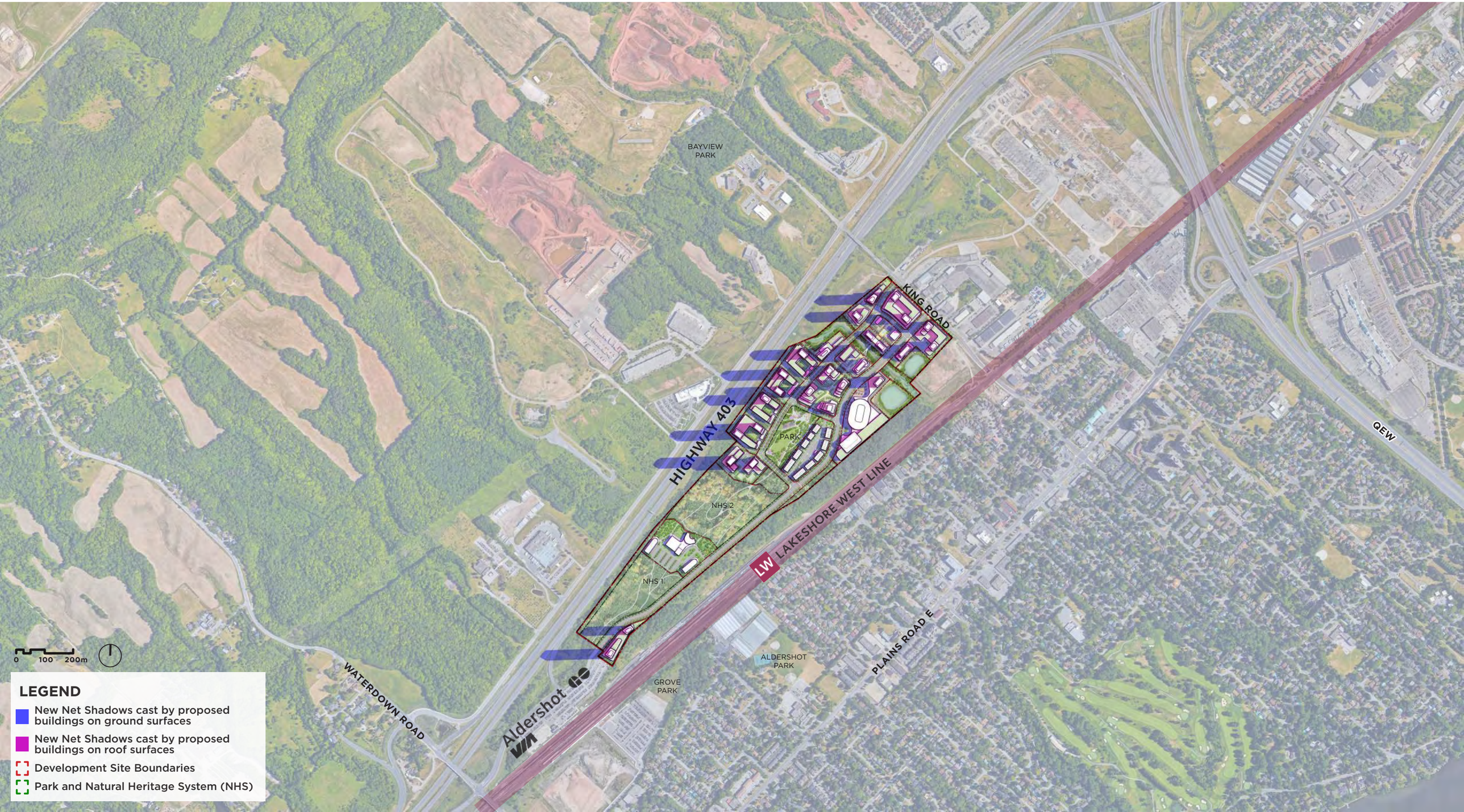

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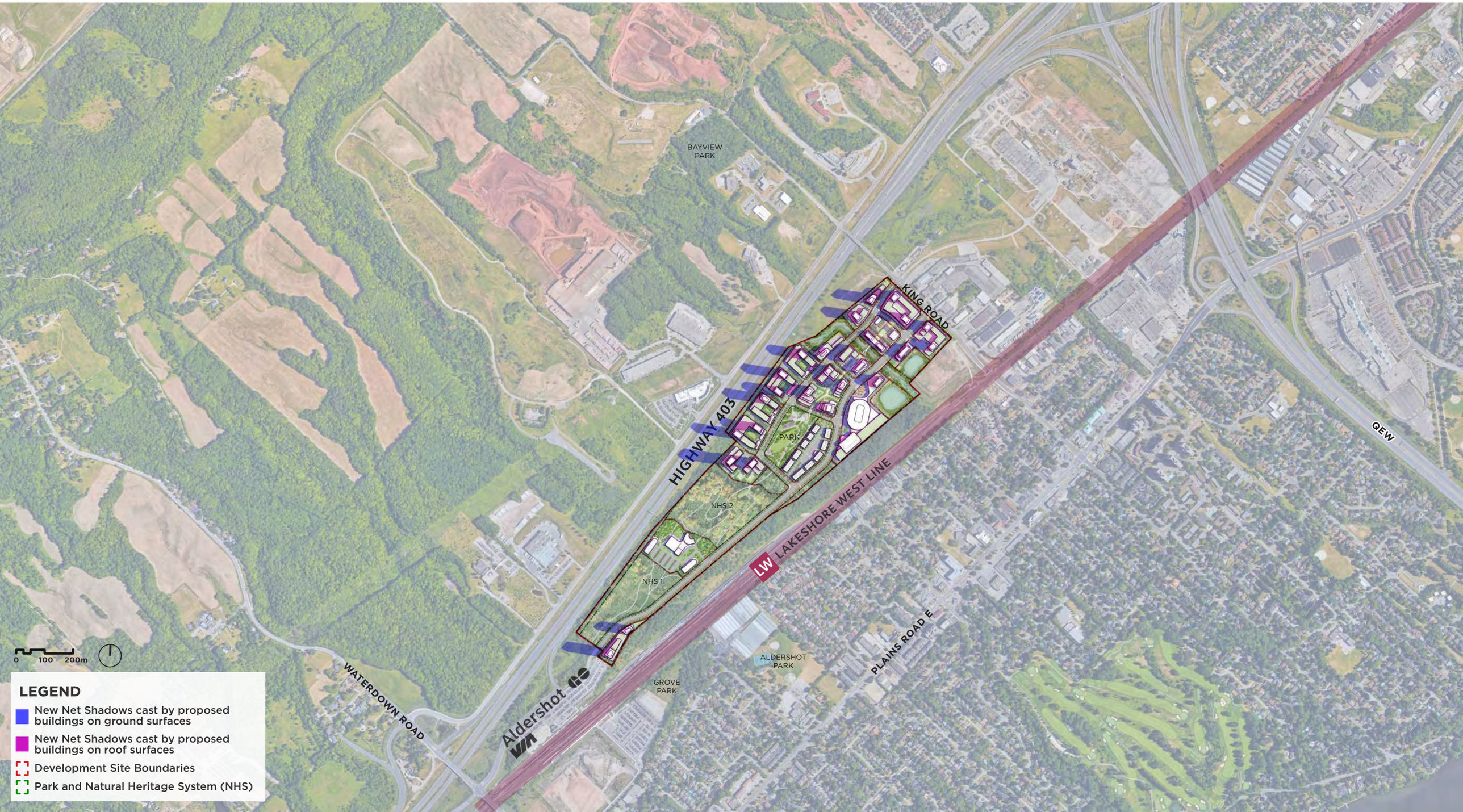
June 21st (-4 UTC)

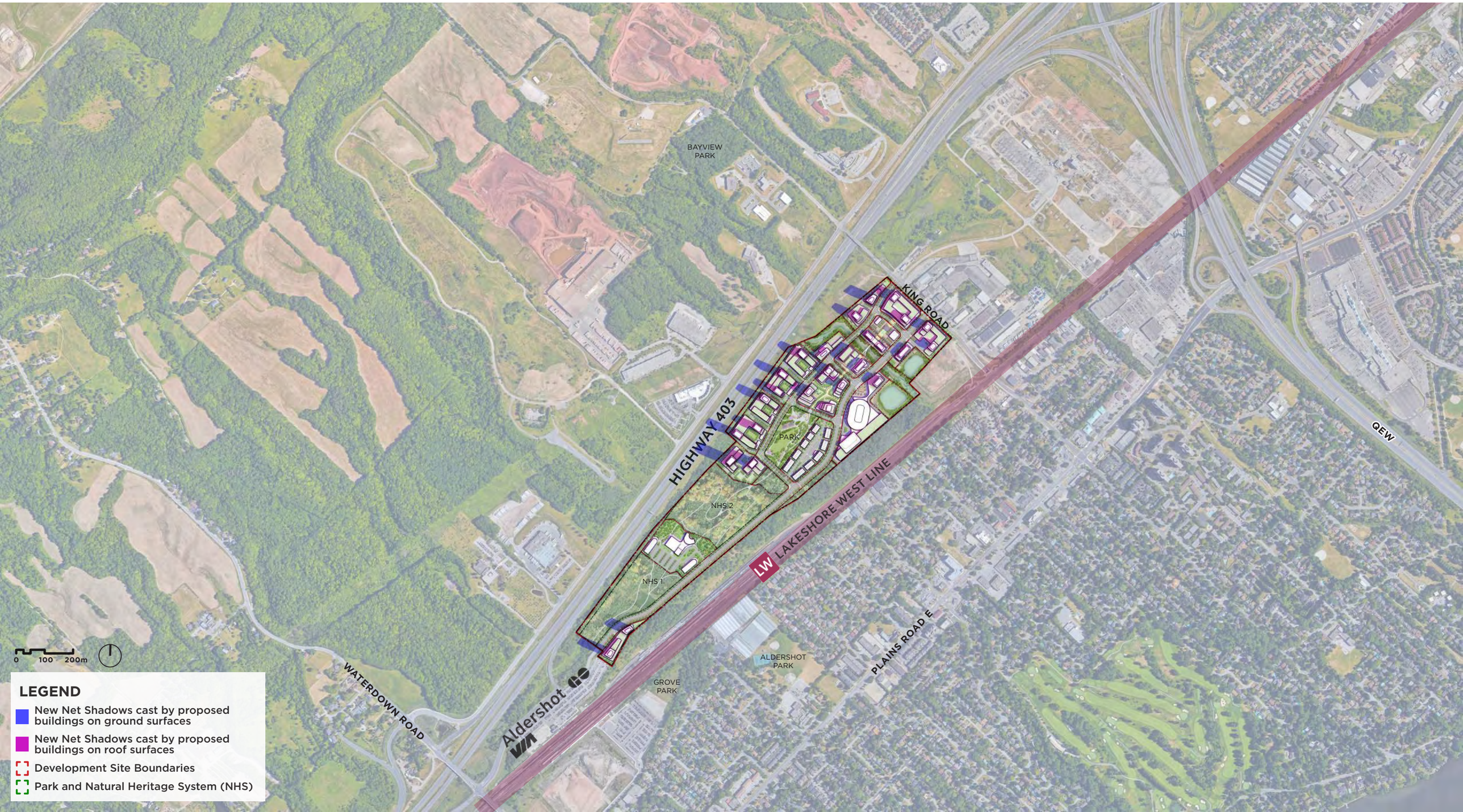
SUN ACCESS FACTOR

NOT REQUIRED FOR PARKS AND OPEN SPACES FOR JUNE 21ST
AS PER TERMS OF REFERENCE


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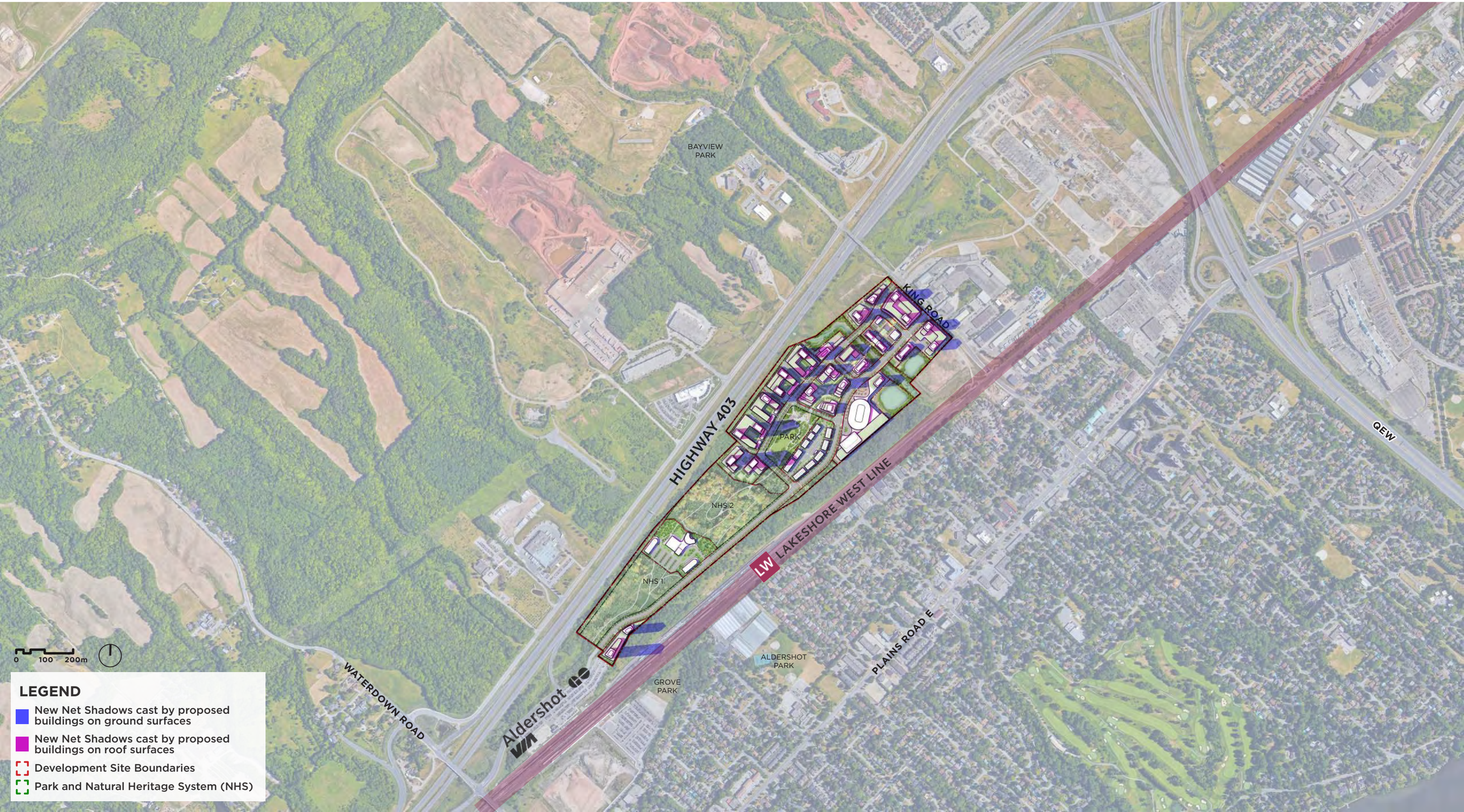

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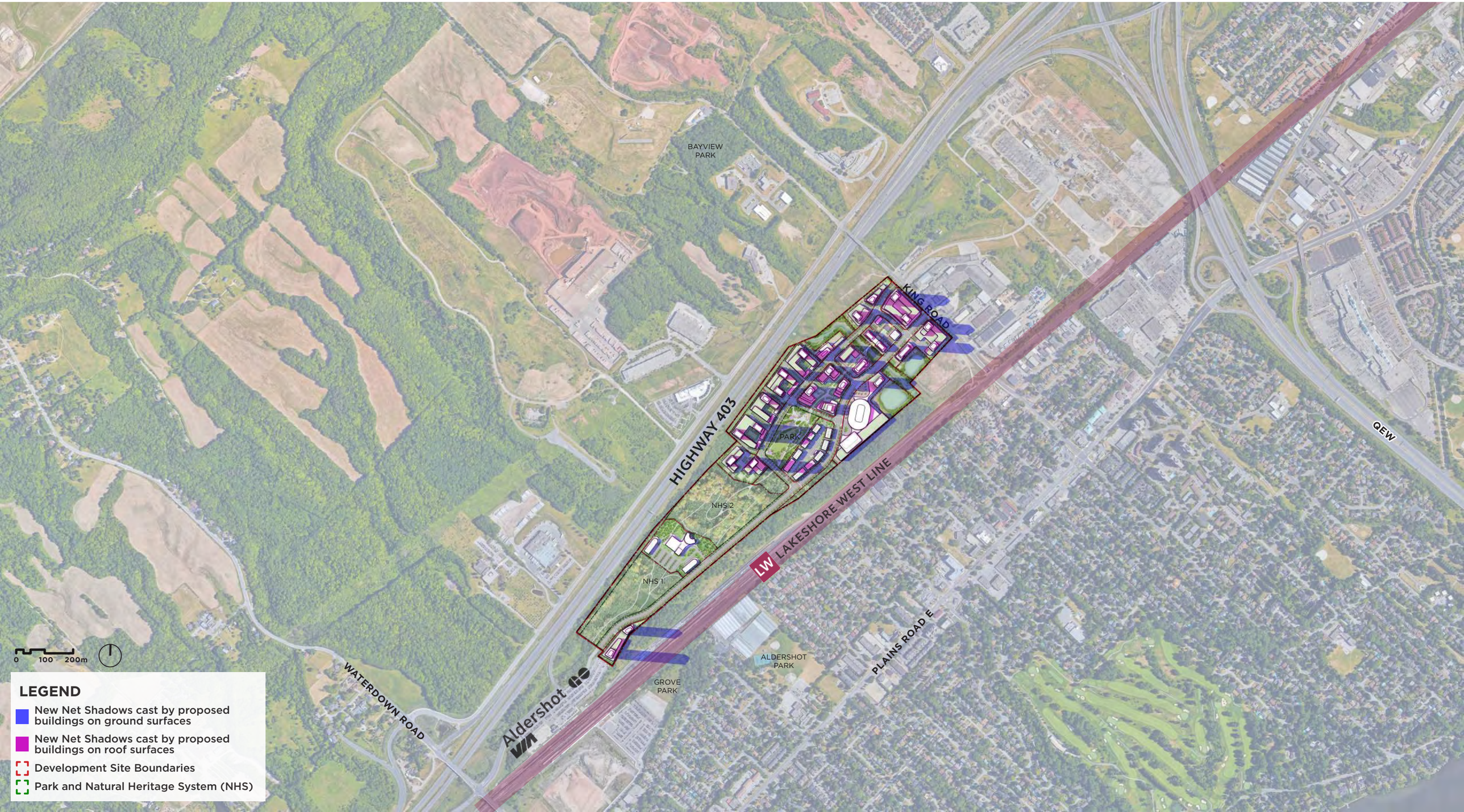

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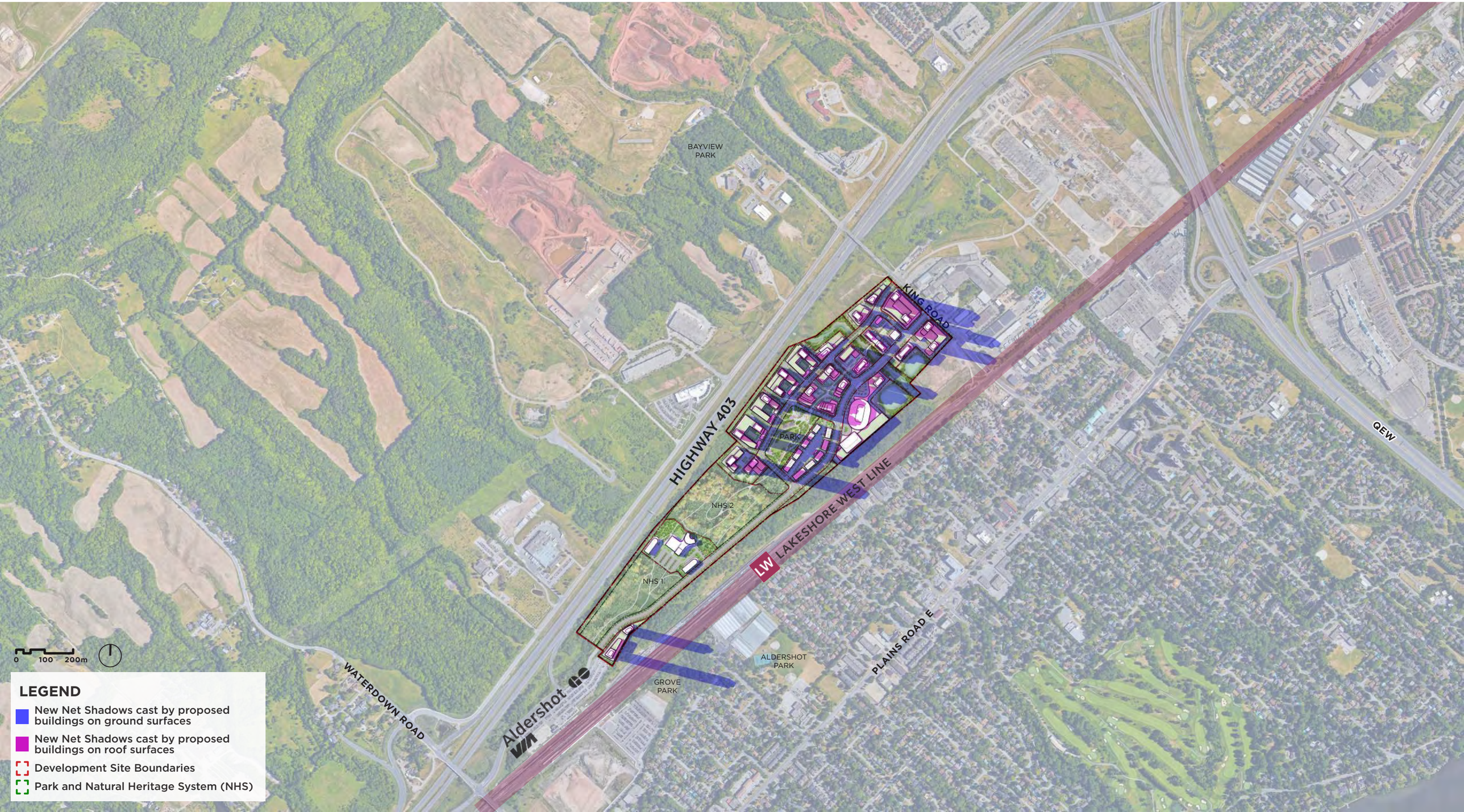

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September 21st (-4 UTC)

SUN ACCESS FACTOR

TIME (-4 UTC)	NHS 1 42,175.26 M²	NHS 2 59,156.54 M²	PARK 20,335.97 M²	$A_{S\ TOTAL}$ (M²)	$A_{S\ INTERVAL}$ (M²)
9:00:00 AM	39,044.83	59,156.54	16,004.56	114,205.94	114,824.47
10:00:00 AM	38,266.12	59,156.54	18,020.33	115,443.00	115,169.11
11:00:00 AM	36,578.97	59,156.54	19,139.71	114,875.22	115,176.22
12:00:00 PM	36,581.77	59,156.54	19,738.90	115,477.21	116,242.63
01:00:00 PM	37,528.95	59,143.14	20,335.97	117,008.06	117956.52
02:00:00 PM	39,459.05	59,109.96	20,335.97	118,904.98	119,024.66
03:00:00 PM	41,060.72	59,107.94	18,975.69	119,144.34	117,281.84
04:00:00 PM	42,175.26	59,054.00	14,190.08	115,419.34	112,428.94
05:00:00 PM	42,175.26	58,935.11	8,328.18	109,438.55	109,278.87
06:00:00 PM	42,175.26	58,660.93	8,283.00	109,119.18	

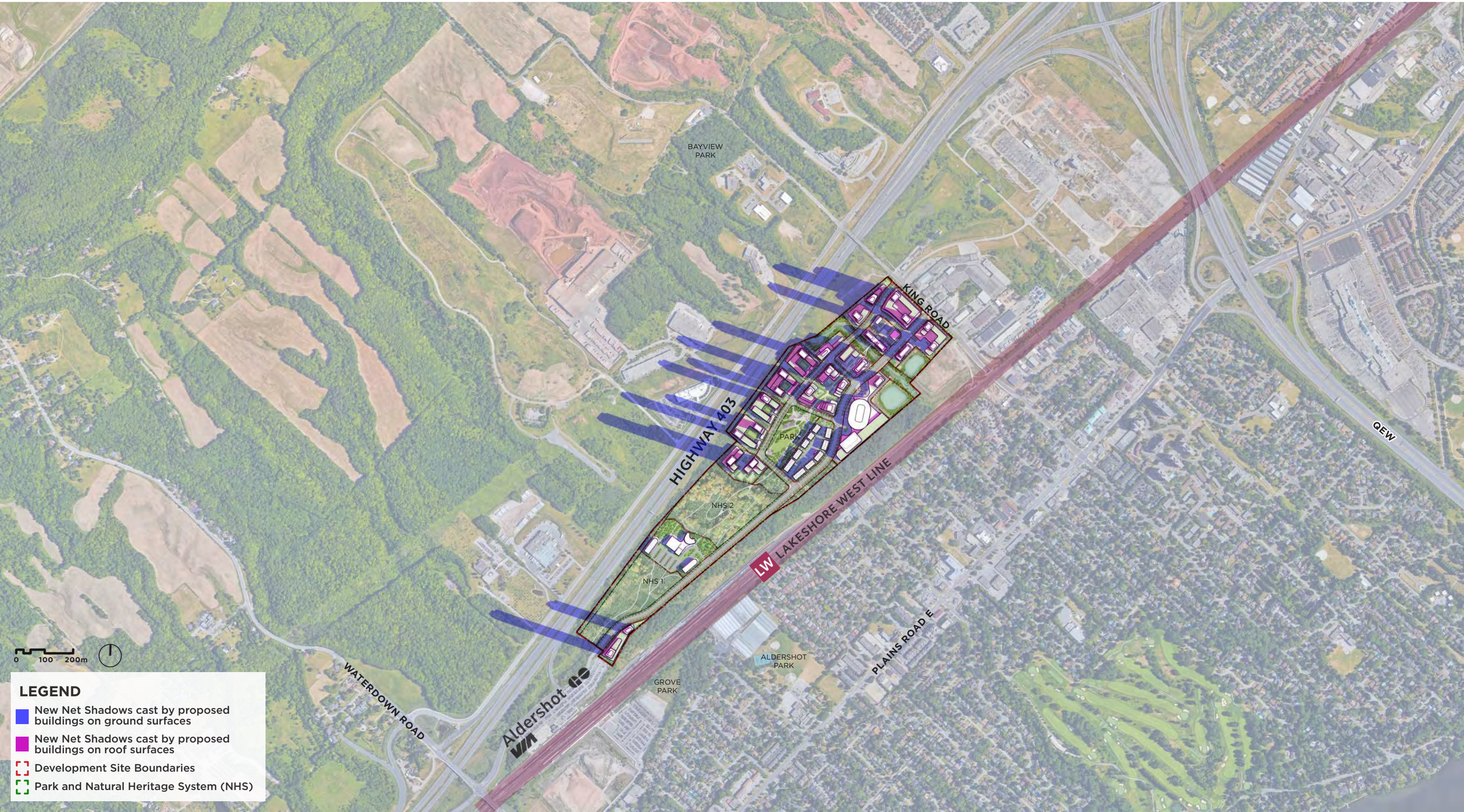
$A_{S\ INTERVAL\ SUM}$
1,037,373.26

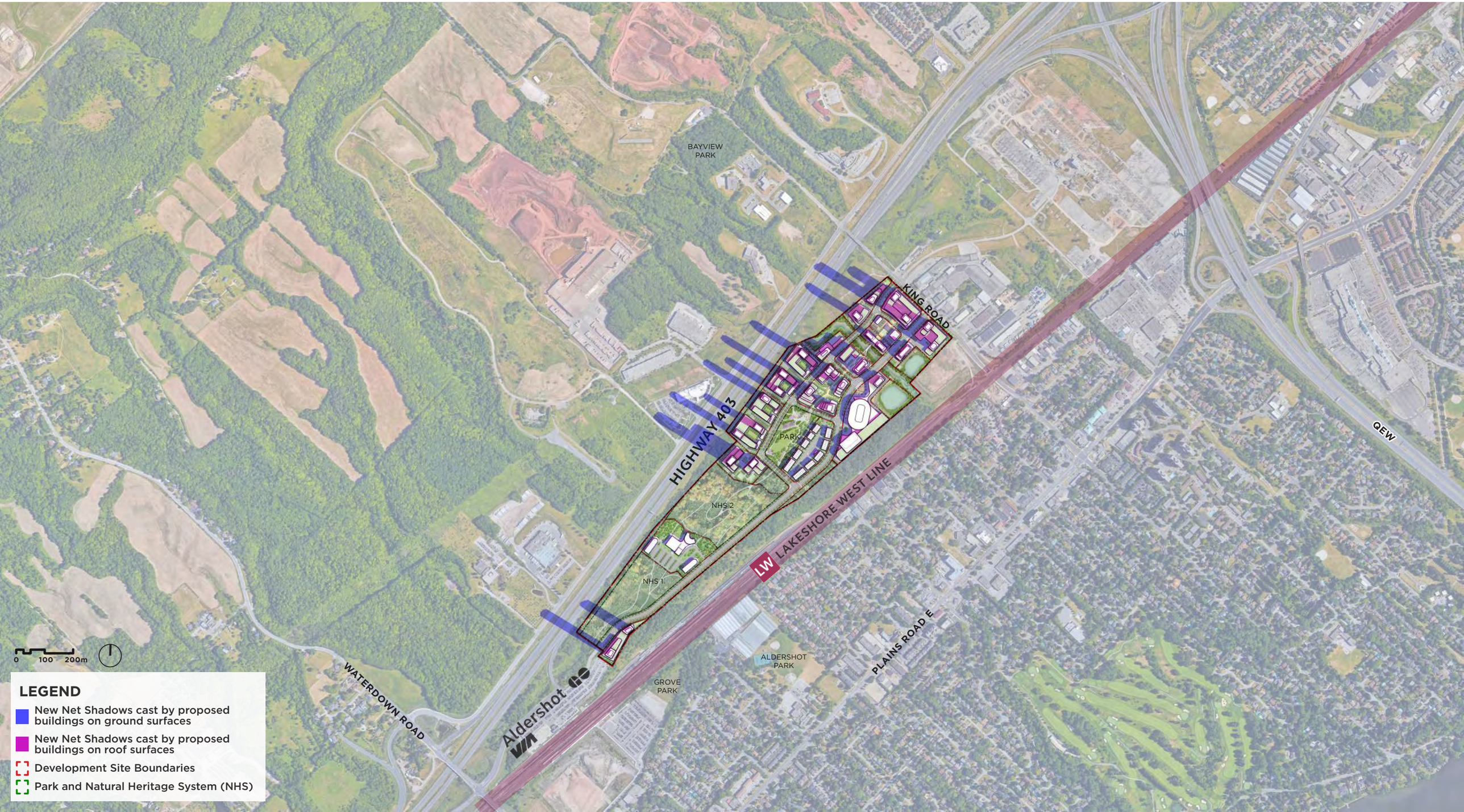
$A_{S\ AVERAGE}$
115,263.70

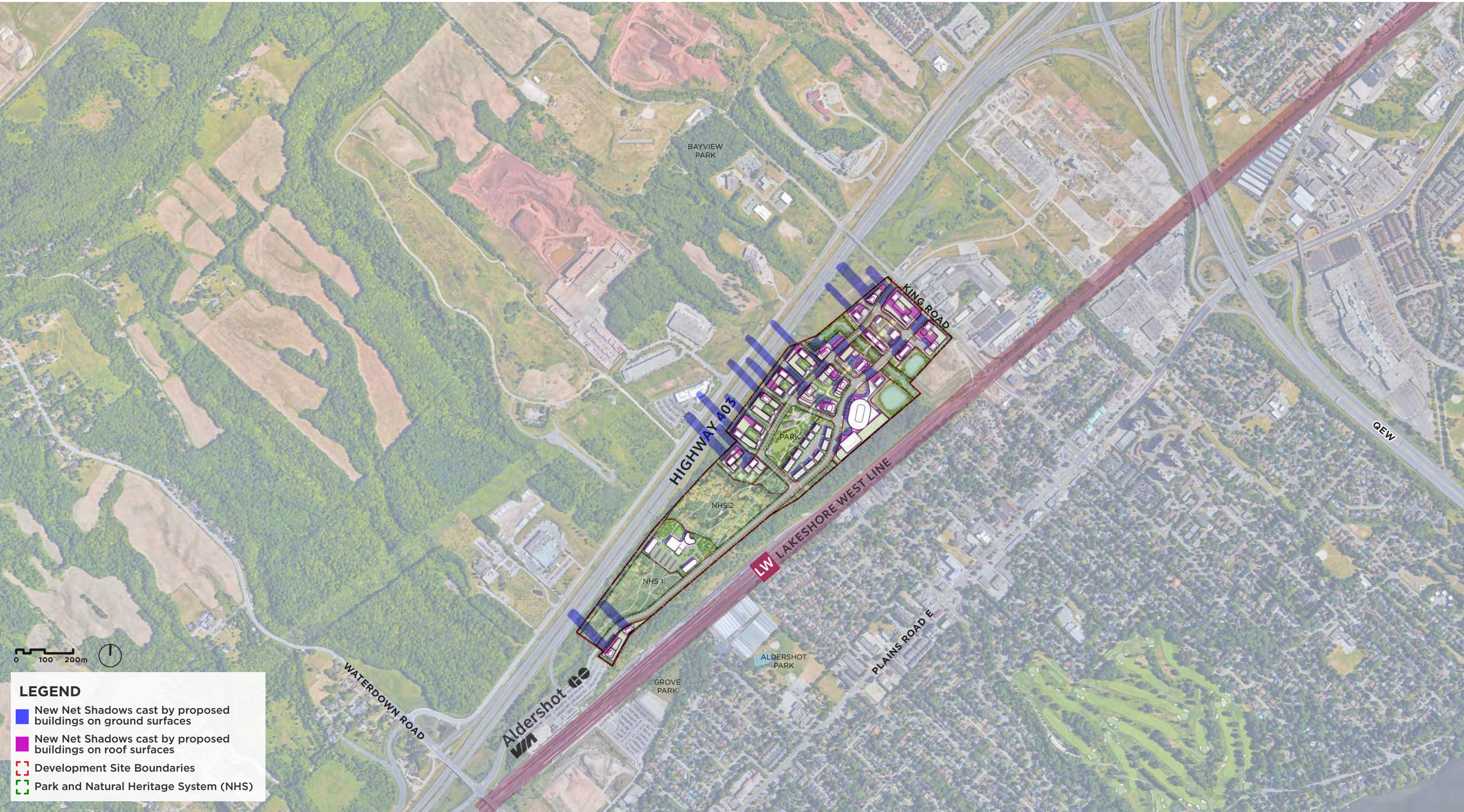
A_T
120,667.77 M²

SAF
0.95

SAF (PARK ONLY)
0.83


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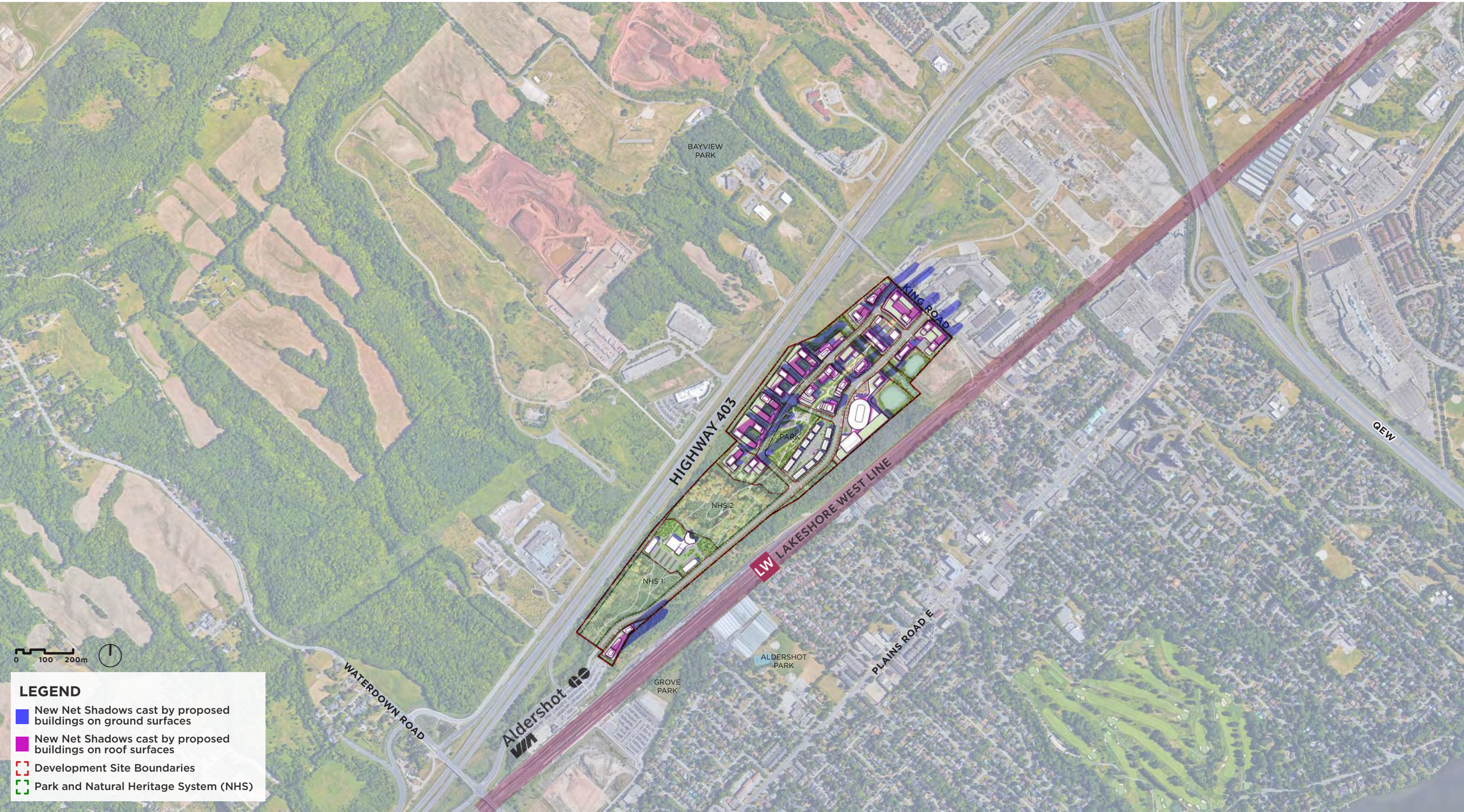

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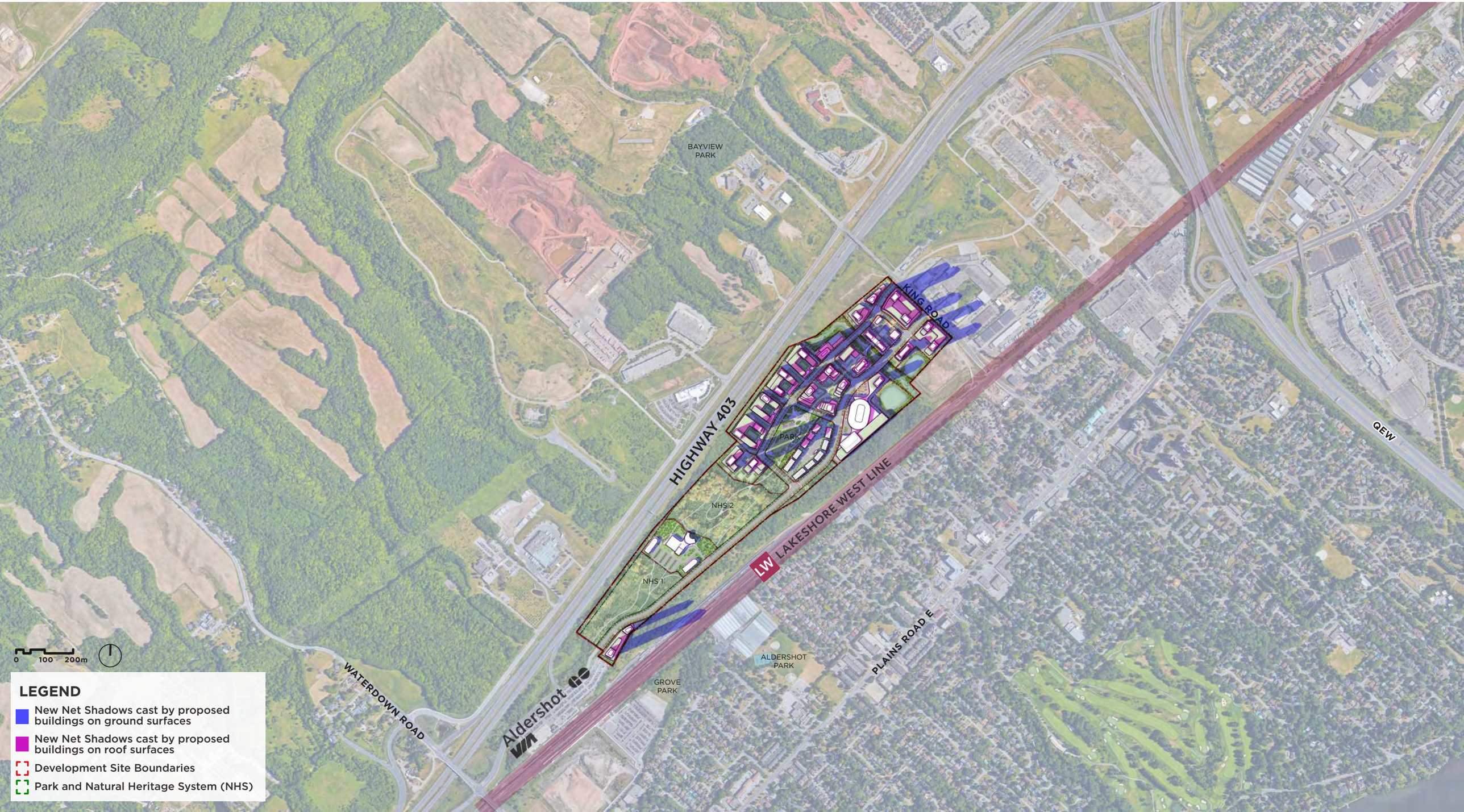

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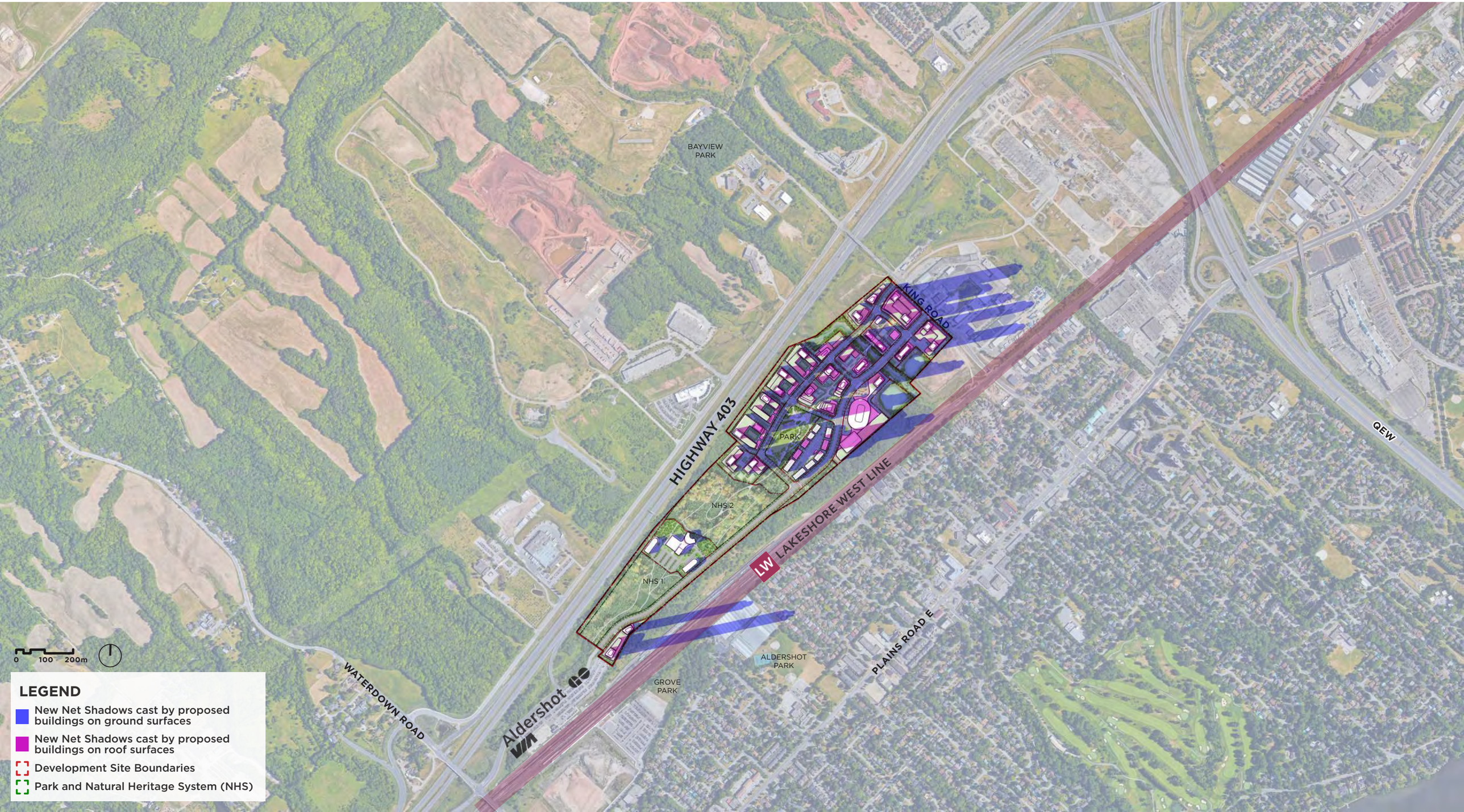

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December 21st (-5 UTC)

SUN ACCESS FACTOR

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11:00:00 AM	34,909.83	59,015.42	14,381.25	108,306.50	109,192.21
12:00:00 PM	34,418.36	58,969.52	16,690.03	110,077.92	109,509.62
01:00:00 PM	31,939.59	58,940.11	18,061.61	108,941.31	107,880.87
02:00:00 PM	28,717.65	58,897.18	19,205.60	106,820.43	108,384.59
03:00:00 PM	31,328.49	58,723.41	19,896.87	109,948.76	

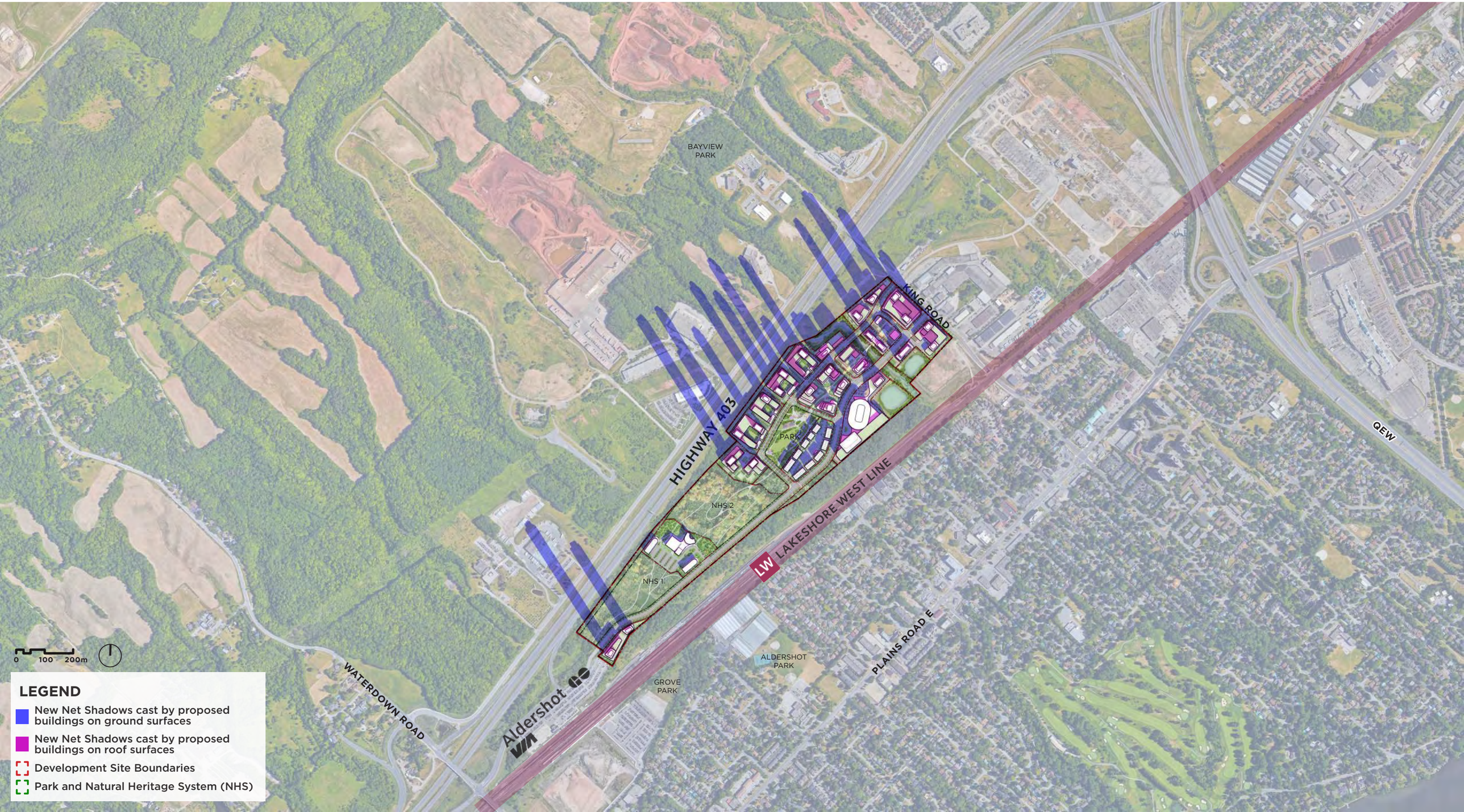
$A_{S\ INTERVAL\ SUM}$
434,967.29

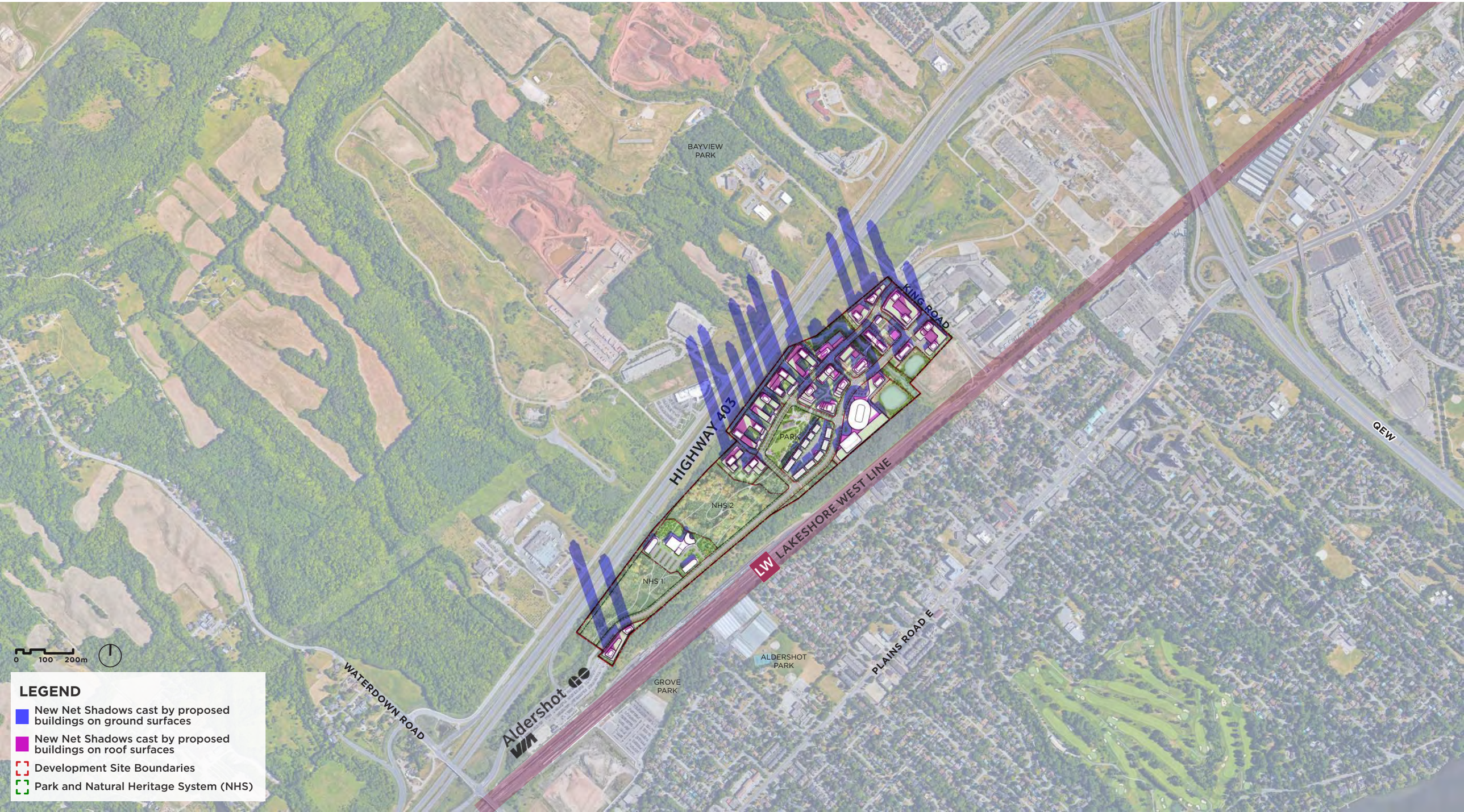
$A_{S\ AVERAGE}$
108,741.82

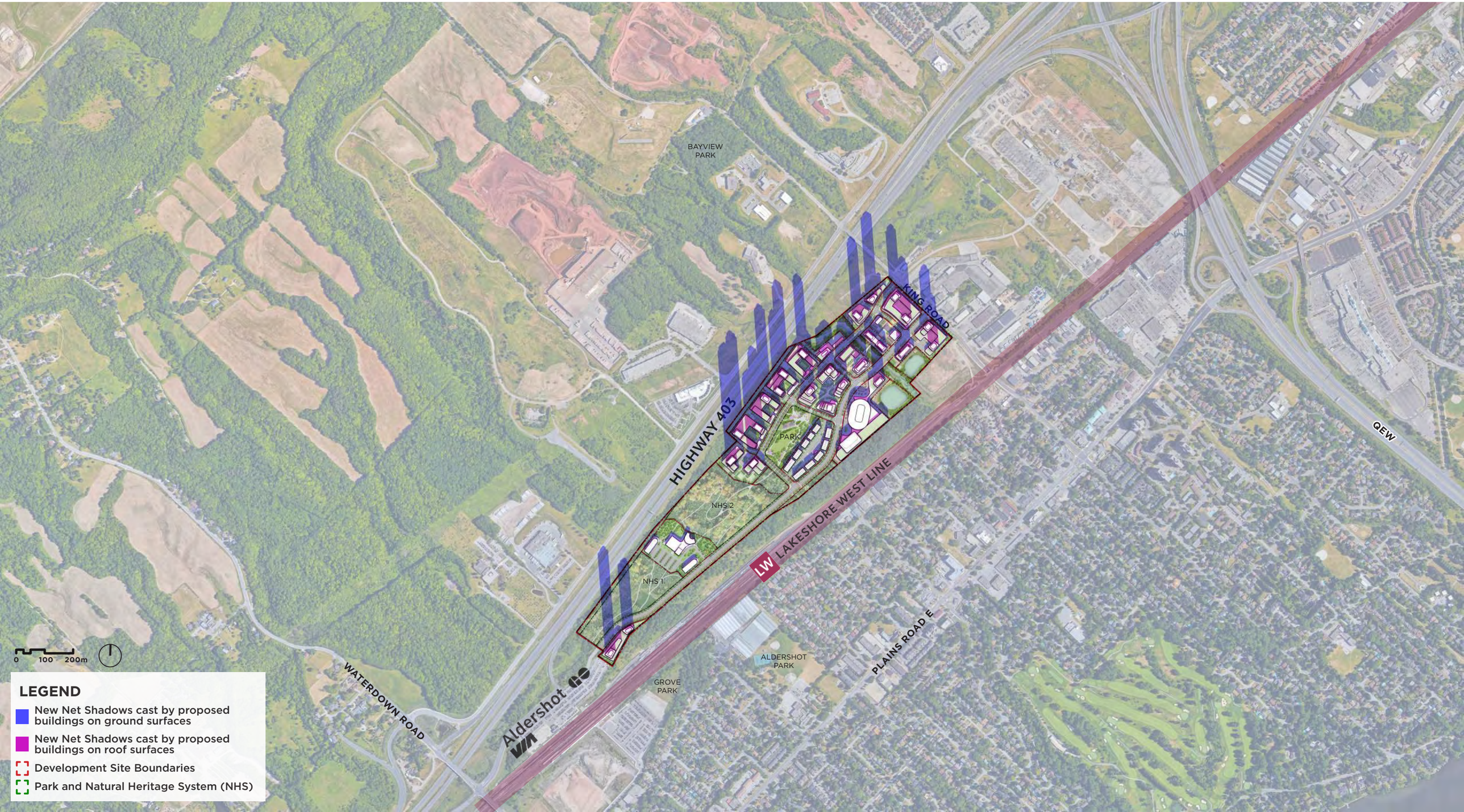
A_T
121,667.77 M²

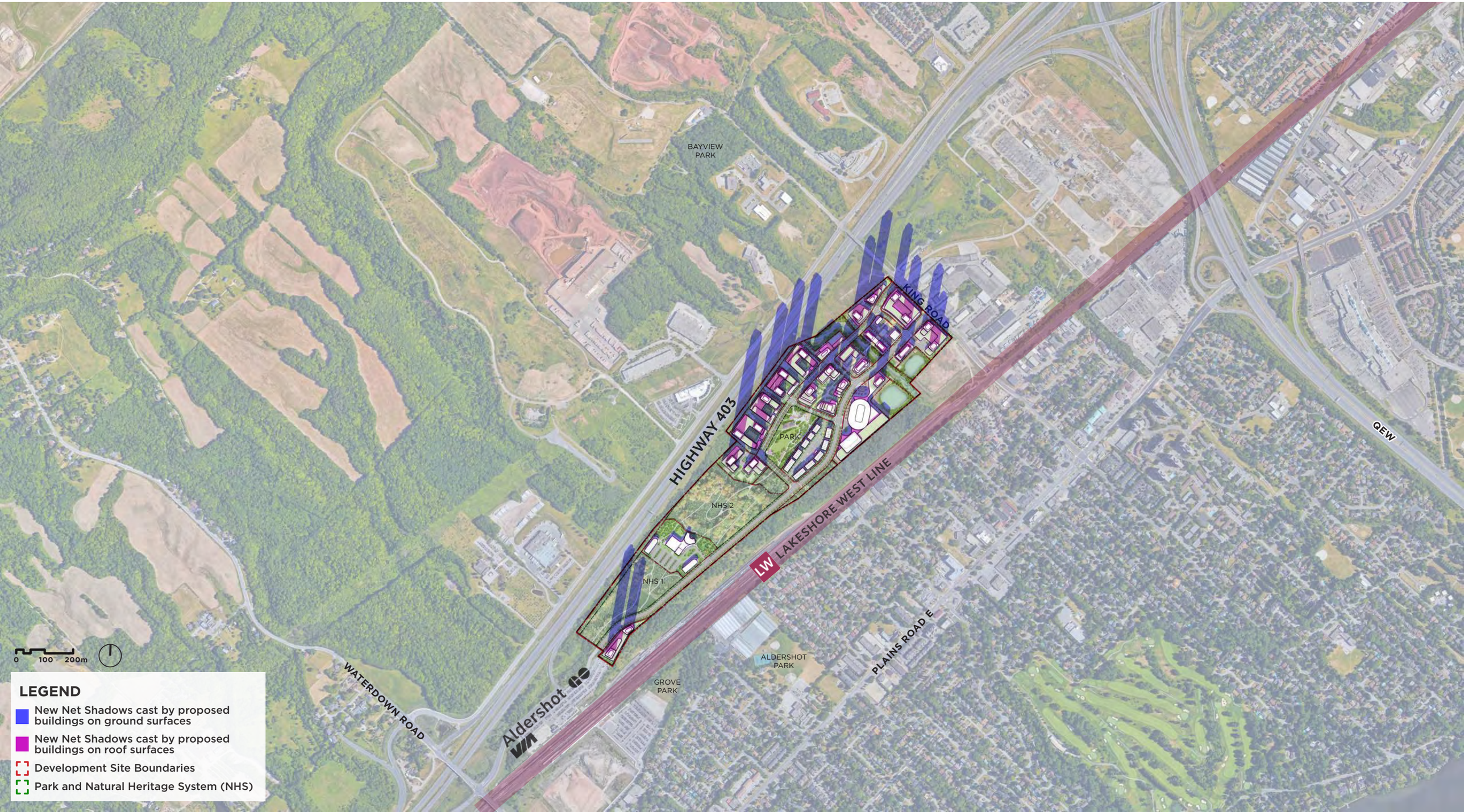
SAF
0.89

SAF (PARK ONLY)
0.87


BAYVIEW PARK
KING ROAD
HIGHWAY 403
PARK
NHS 2
NHS 1
LW LAKESHORE WEST LINE
QEW
PLAINS ROAD E
ALDERSHOT PARK
GROVE PARK
WATERDOWN ROAD
Aldershot VIA
0 100 200m
LEGEND
New Net Shadows cast by proposed buildings on ground surfaces
New Net Shadows cast by proposed buildings on roof surfaces
Development Site Boundaries
Park and Natural Heritage System (NHS)


BAYVIEW PARK
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HIGHWAY 403
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