* **NOTE:** THE SOIL VOLUME CALCULATIONS WITHIN THE SOIL CELL AREA EXCEED 30 M³ PER TREE, AS THE SOIL CELL STRUCTURE ITSELF OCCUPIES A PORTION OF THE AVAILABLE SPACE.

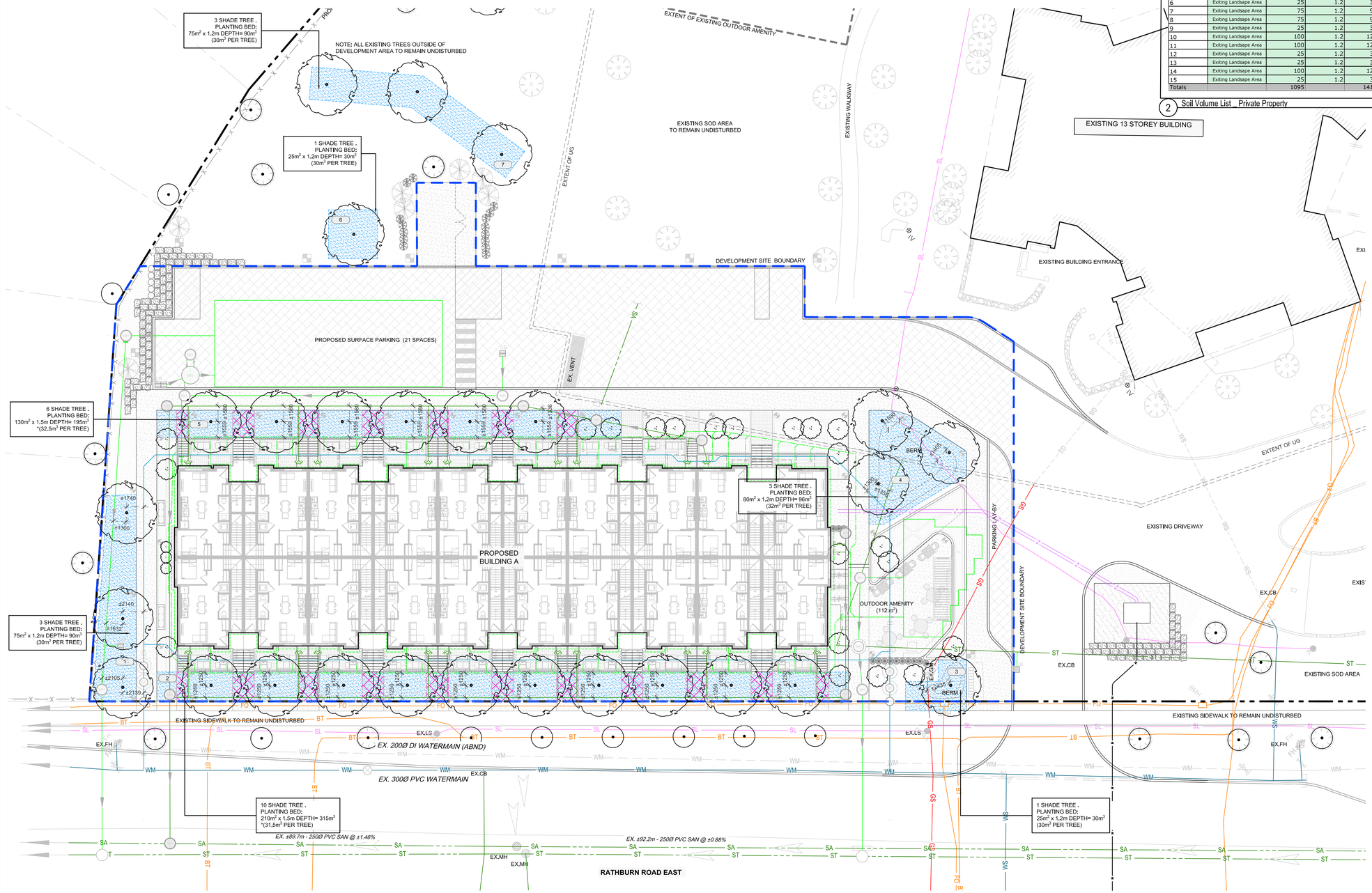
MISSISSAUGA
Green Development Standard
Project: 2121 Rathburn Road East

NS2: TREE GROWTH

Trees Canopy	Total
Total site area (m2)	4,044
Total number of trees planted	46
Number of shade trees planted along street frontages	0
Number of shade trees located in surface parking area	0

Soil Volume Breakdown	Location	Soil Area (m2)	Soil Depth (m)	Soil Volume (m3)	Tree Quantity	Soil Volume per tree (m3) *	Soil Cells
1	Building A	75	1.2	90.0	3	30.0	No
2	Building A	210	1.5	315.0	10	31.5	Yes
3	Outdoor Amenity	25	1.2	30.0	1	30.0	No
4	Outdoor Amenity	80	1.2	96.0	3	32.0	No
5	Building A	130	1.5	195.0	6	32.5	Yes
6	Exiting Landsape Area	25	1.2	30.0	1	30.0	No
7	Exiting Landsape Area	75	1.2	90.0	3	30.0	No
8	Exiting Landsape Area	75	1.2	90.0	3	30.0	No
9	Exiting Landsape Area	25	1.2	30.0	1	30.0	No
10	Exiting Landsape Area	100	1.2	120.0	4	30.0	No
11	Exiting Landsape Area	100	1.2	120.0	4	30.0	No
12	Exiting Landsape Area	25	1.2	30.0	1	30.0	No
13	Exiting Landsape Area	25	1.2	30.0	1	30.0	No
14	Exiting Landsape Area	100	1.2	120.0	4	30.0	No
15	Exiting Landsape Area	25	1.2	30.0	1	30.0	No
Totals		1095		1416.0	46		

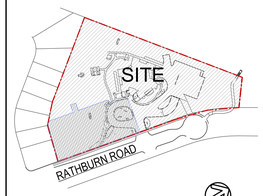
2 Soil Volume List _ Private Property



1 Development Area Soil Volume Plan

Scale: 1:200

Key Plan



Legend

PROPOSED LIMIT OF CONTINUOUS SOIL VOLUME

PROPOSED SOIL CELLS BELOW PAVING

GM — GAS MAIN
GS — GAS SERVICE
WM — WATER MAIN
WS — WATER SERVICE
SAN — SANITARY SEWER
STM — STORM SEWER
COM — COMBINED SEWER
BE — BURIED ELECTRIC
BE-SL — BURIED ELECTRIC STREET LIGHT
BE-TL — BURIED ELECTRIC TRAFFIC LIGHT
UNK — UNKNOWN CONDUCTIVE
FOC — FIBRE OPTIC CABLE
TV — BURIED TELEVISION CABLE
BT — BURIED TELECOMMUNICATIONS
CA — COMPRESSED AIR

No	Date	Revisions	By
3,0	07.15.2026	ISSUED FOR SPA SUBMISSION #3	SM
2,0	02.27.2026	ISSUED FOR SPA SUBMISSION #2	SM
1,0	09.08.2025	ISSUED FOR SPA SUBMISSION #1	CKA

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Designed By

North Arrow

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Project Name:

2121 Rathburn Road East Stacked Townhouses

City of Mississauga
Site Plan Application Number : SP 25-54 W3

Sheet Title:

Development Area Soil Volume Plan

Designed:	Drawn:	Scale:	Drawing No.:
SM	PP	AS SHOWN	L1b
Date of Drawing:		Job No.:	
September 2025		CRT003	