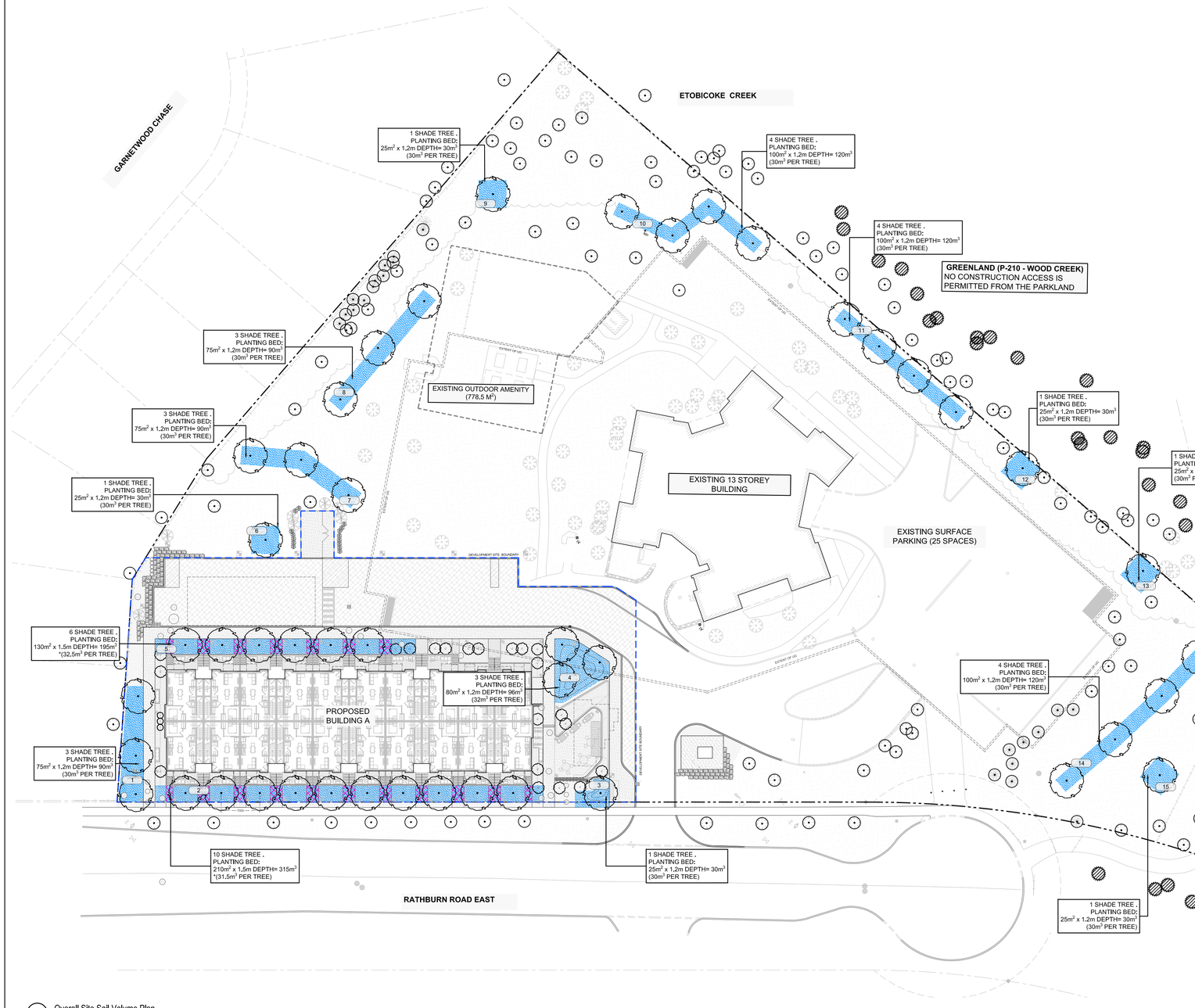
* **NOTE:** THE SOIL VOLUME CALCULATIONS WITHIN THE SOIL CELL AREA EXCEED 30 M³ PER TREE, AS THE SOIL CELL STRUCTURE ITSELF OCCUPIES A PORTION OF THE AVAILABLE SPACE.



1 Overall Site Soil Volume Plan

Scale: 1:400

MISSISSAUGA

Green Development Standard

Project: 2121 Rathburn Road East

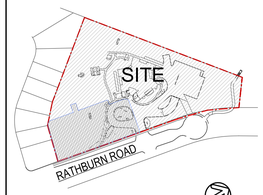
NS2: TREE GROWTH

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

Key Plan



Legend

PROPOSED LIMIT OF CONTINUOUS SOIL VOLUME

PROPOSED SOIL CELLS BELOW PAVING

No	Date	Revisions	By
1.0	07.15.2026	ISSUED FOR SPA SUBMISSION #3	SM

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ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — CHRISTINE A. HALLORAN — MEMBER

Designed By

North Arrow

Capreit Apartments Inc
11 CHURCH STREET, TORONTO, ON M5E 1W1
Tel 416.861.9404 hello@capreit.net

the mbtw group
landscape architecture | urban design | design guidance | architecture | golf design | leisure design
255 Wicksteed Ave., Unit 14, Toronto, Ontario, Canada M4H 1G8
T: (416) 449-7797 | F: (416) 449-1803 | www.mbtw-wst.com

Project Name:

2121 Rathburn Road East Stacked Townhouses

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

Sheet Title:

OverallSite Soil Volume Plan

Designed:	Drawn:	Scale:	Drawing No.:
SM	PP	AS SHOWN	L1
Date of Drawing:		Job No.:	
July 2026		CRT003	