

KEY	TREE #	Brand/Name	Common Name	Size/Remarks	Qty	Stature (m)	Volume (m ³)	Soil Volume (m ³)	Soil Volume (m ³)	Crown Area (m ²)	Canopy Area (m ²)
Proposed Trees	LT1-19	TDB	TDB		19	L	TBD	TBD	TBD	137.2	2,606
	LT1-21	TDB	TDB		5	S	TBD	TBD	TBD	7.0	21
	ST4-6	TDB	TDB		3	L	TBD	TBD	TBD	141.2	282
	LT20-21	TDB	TDB		2	L	TBD	TBD	TBD	117.0	351
	LT22-24	TDB	TDB		3	L	TBD	TBD	TBD	104.0	1,352
	LT35-36 & MT1	TDB	TDB		13	L/M	TBD	TBD	TBD	90.5	362
	LT37-40	TDB	TDB		4	L/M	TBD	TBD	TBD	35.5	142
	LT41-43 & MT2	TDB	TDB		6	L	TBD	TBD	TBD	50.8	305
	LT44-49	TDB	TDB		6	L	TBD	TBD	TBD	89.0	305
	ST7-9	TDB	TDB		4	L	TBD	TBD	TBD	78.9	210
LT32-60	TDB	TDB		9	L	TBD	TBD	TBD	86.3	663	
LT61-70	TDB	TDB		10	L	TBD	TBD	TBD	86.3	767	
LT71-77	TDB	TDB		7	L	TBD	TBD	TBD	109.6	0	
Existing Canopy on Site					82						2,982
Existing Canopy Overhanging Site											
CANOPY SUMMARY											
TOTAL CANOPY (m ²)											7,982
Site Area (m ²)											19,531
Site Canopy Cover (%)											40.3%
Land Use Canopy Cover Target (%)											15-34%
Total # of Trees within Site Parking Area											TBD

Canopy Cover Analysis

Based on the driplines reported in the inventory, a canopy cover analysis was completed to determine the amount of canopy identified for preservation and the proposed amount of canopy based on new plantings. Where proposed trees are situated together and their canopies form continuous cover, the canopy area was determined for the group of trees such that overlapping canopy areas were omitted. The canopy areas of trees situated outside of the site boundary whose canopies overhang the site boundary were calculated, a bonus factor was not applied to the canopy areas of these trees. Trees located outside of the site boundary whose canopies do not overhang the site boundary were not included in the canopy cover analysis.

The preservation of 0m² of existing canopy is proposed. Proposed landscape plantings account for a proposed coverage of 7,982m² of canopy area. The total canopy area is therefore 7,982m² within a total subject area of 19,531m², resulting in a canopy coverage of 41%. There are various users proposed for the site, with target canopy coverages between 15-34%, so targets are exceeded.



LEGEND

- Site Boundary*
- Canopy Identified for Preservation
- Canopy Identified for Removal
- Proposed Canopy
- Proposed multi-stemmed tree (small)
- Proposed deciduous trees (large)
- Proposed coniferous trees (medium)
- Existing Tree Number
- Proposed Tree Number

* For the purposes of the Canopy Cover Analysis, the 'site' is defined as a combination of the property line and the proposed NHS. Where proposed trees within the NHS will have canopies that extend into the site boundary, those trees and the portions of canopies that extend onto the subject site have been included in the calculation. Where proposed trees are within the site boundary, the portions of their crowns that extend beyond the site boundary have also been included. Trees proposed as part of the development parcel to the west have been excluded from the calculation.

No.	Issue/Revisions	Date	By
1	Report Submission	12 July 23	CB
2	CCP Update	30 July 24	CB

Base data: A. T. McQueen Limited (topo); Seferian Design Group (landscape plan)

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Canopy Cover Analysis

Project: P3824
Date: 12 July 2023
Scale: 1:300

Figure: CCP-1