

Table 1. Tree Inventory

Location: 31 Blake Street, Barrie

Date: 2 October 2018

Surveyors: SA

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	mTPZ	Comments
1	Siberian Elm	<i>Ulmus pumila</i>	~4, 5, 6, 6, 8, 10	F	F	F-G		4	1.8	Co-dominant at base, deadwood (L), broken branches (L), asymmetrical crown (M)
2	Manitoba Maple	<i>Acer negundo</i>	~18	P-F	F	G		4	1.8	Lean (M), crooked stem (H), suckering (L), epicormic branching (L), deadwood (VL), pruning wounds at base
3	Basswood	<i>Tilia americana</i>	~3-12 avg 10	F	F-G	G		3	1.8	Co-dominant at base, ~8 stems, suckering (M)
4	Manitoba Maple	<i>Acer negundo</i>	12.5	P-F	F	F-G		4	1.8	Lean (M), sweep (L), deadwood (L), small crown, pruning wounds with cavity at base
5	Eastern White Cedar	<i>Thuja occidentalis</i>	~16	G	G	G		2	1.8	Lean (VL), sweep (VL)
6	Eastern White Cedar	<i>Thuja occidentalis</i>	10	G	G	G		2	1.8	Lean (VL), asymmetrical crown (L)
7	Sugar Maple	<i>Acer saccharum</i>	15	G	F-G	G		4	1.8	Asymmetrical crown (L), bowed (VL)
8	Basswood	<i>Tilia americana</i>	33.5, 6.5, 9, 12.5	F	F-G	G		4	2.4	Co-dominant at base, asymmetrical crown (M), lean (L), crooked stem (L)
9	Black Walnut	<i>Juglans nigra</i>	5, 8, 13	P	P	P		5	1.8	Coppice growth only remaining, main stem previously removed, removal recommended
10	Black Walnut	<i>Juglans nigra</i>	65.5	F-G	F-G	F-G		9	4.2	Lean (L), asymmetrical crown (L), deadwood (L), co-dominant at 4m, bowed (L)
11	Black Walnut	<i>Juglans nigra</i>	24	G	F	G		5.5	1.8	Asymmetrical crown (M), lean (VL)
12	Basswood	<i>Tilia americana</i>	~16, 17, 18, 21, 23	F	F	F-G		4.5	1.8	Co-dominant at base, leaders pruned, growing under utility lines, lean (L), deadwood (VL)
13	Black Walnut	<i>Juglans nigra</i>	~13	F	P-F	F-G		4	1.8	Leader pruned, coppice growth (L), deadwood (L), lean (L), growing under utility wires
14	Basswood	<i>Tilia americana</i>	~12, 17, 19, 19	F-G	P-F	G		4	1.8	Co-dominant at base, lean (L), topped, growing under utility wires
15	Norway Maple	<i>Acer platanoides</i>	10.5	P-F	P	F-G		4.5	1.8	Frost crack (H), sealing, stem wound (H), lean (L), growing under utility wires, next to pole, small crown, asymmetrical crown (H)
16	Norway Maple	<i>Acer platanoides</i>	33, 10	P	P-F	F-G		3	2.4	Pruning wounds (L), topped, asymmetrical crown (H), growing under utility wires, co-dominant at base, stems pruned at base, deadwood (L)
17	White Spruce	<i>Picea glauca</i>	~28, 30	F	F-G	G		3	2.4	Co-dominant at base, fused at ~3m
18	Norway Maple	<i>Acer platanoides</i>	~11	F-G	P-F	F-G		3	1.8	Topped, growing under utility wires, deadwood (L), asymmetrical crown (M)
19	Basswood	<i>Tilia americana</i>	~5-11 avg 10	P	F	F-G		4	1.8	Mostly coppice growth, co-dominant with Tree 20 at base, lean (L), deadwood (VL), removal recommended
20	Black Walnut	<i>Juglans nigra</i>	10, 11	P	P	G		4	1.8	Co-dominant with Tree 19 at base, coppice growth asymmetrical crown (H), removal recommended
21	Norway Maple	<i>Acer platanoides</i>	40	P	P-F	F	20	5	2.4	Stem wound with cavity (H), deadwood (L), pruning wounds (L), co-dominant at 2m, removal recommended
22	Manitoba Maple	<i>Acer negundo</i>	25.5	F	G	G		6	1.8	Lean (L), co-dominant at ~1.8m, leaning over house, deadwood (VL)
23	Lilac sp.	<i>Syringa sp.</i>	~9, 11, 13, 13	P	P	P	60	5	1.8	Co-dominant at base, bark peeled, deadwood (H), asymmetrical crown (M), crooked stems (H), removal recommended
24	Lilac sp.	<i>Syringa sp.</i>	~3, 3, 5, 11, 11	P	P	P	90	4	1.8	Deadwood (H), pruning wounds (H), bark peeling, crooked stems (H), co-dominant at base, removal recommended
25	Lilac sp.	<i>Syringa sp.</i>	~3, 5, 10, 11, 11, 17	P	P	P	50	5	1.8	Deadwood (H), crooked stems (H), cavities, pruning wounds (H), bark peeling, vine and buckthorn competition, removal recommended
26	White Ash	<i>Fraxinus americana</i>	11, 11	F	F-G	G		4	1.8	Co-dominant at base, root restriction (M), growing beside house, lean (L), sweep (L)
27	White Ash	<i>Fraxinus americana</i>	4, 10	F	F-G	G		4	1.8	Co-dominant at base, root restriction (M), growing beside house, lean (L), sweep (L)
28	White Ash	<i>Fraxinus americana</i>	75	P	P	P	95	7	4.8	Deadwood (H), removal recommended
29	White Spruce	<i>Picea glauca</i>	49.5	G	F	F	30	4	3.0	Deadwood (M), asymmetrical crown (M), pruning wounds (L)
30	Norway Spruce	<i>Picea abies</i>	74	G	G	F-G		5	4.8	Deadwood (L)
31	Black Walnut	<i>Juglans nigra</i>	23, 30	F-G	F	F-G		5	2.4	Co-dominant at base, lean (L), deadwood (L), broken branches (L), vine competition (L), asymmetrical crown (L)
32	Black Walnut	<i>Juglans nigra</i>	11	F-G	F	F-G		4	1.8	Asymmetrical crown (M), bowed (L), deadwood (L)
33	Black Walnut	<i>Juglans nigra</i>	10, 10.5, 66	F-G	F-G	F-G		8	4.2	Co-dominant at 1m and 4m, deadwood (L), bowed (VL), broken branches (L)
34	Norway Maple	<i>Acer platanoides</i>	13.5, 18	F-G	P-F	F-G		6	1.8	Co-dominant at 0.8m with v-union, 1 stem topped, growing under utility lines, pruning wounds (M), asymmetrical crown (H), broken branches (L)
35	Black Walnut	<i>Juglans nigra</i>	23.5	F-G	F	F-G		5	1.8	Pruning wounds (M), asymmetrical crown (M), lean (VL), crook at 4m, deadwood (L)
A	Sugar Maple	<i>Acer saccharum</i>	~88	F	F	F-G		9	5.4	Co-dominant at 4m, deadwood (L), bowed at crown, pruning wounds (L) with cavity, asymmetrical crown (L), growth deficit (M)
B	Sugar Maple	<i>Acer saccharum</i>	~65	F-G	F-G	F-G	10	5	4.2	Co-dominant at 3m with v-union, root disturbance, deadwood (L), pruning wounds (L), broken branches (L), asymmetrical crown (L)

C	Black Walnut	<i>Juglans nigra</i>	~51	F-G	F	F	30	6	3.6	Co-dominant at 3.5m, deadwood (M), pruning wounds (L), bowed (L), losing vigour, asymmetrical crown (M)
P1	Eastern White Cedar	<i>Thuja occidentalis</i>	~6-13 avg 10	F-G	F	F-G		3.5	1.8	Lean (L), sweep (L), deadwood (L), tops pruned, growing under utility wires, ~5 trees

Codes		
DBH	Diameter at Breast Height	(cm)
TI	Trunk Integrity	(G, F, P)
CS	Crown Structure	(G, F, P)
CV	Crown Vigor	(G, F, P)
CDB	Crown Die Back	(%)
DL	Dripline	(metres)
~ = estimate; (VL) = very light; (L) = light; (M) = moderate; (H) = heavy		