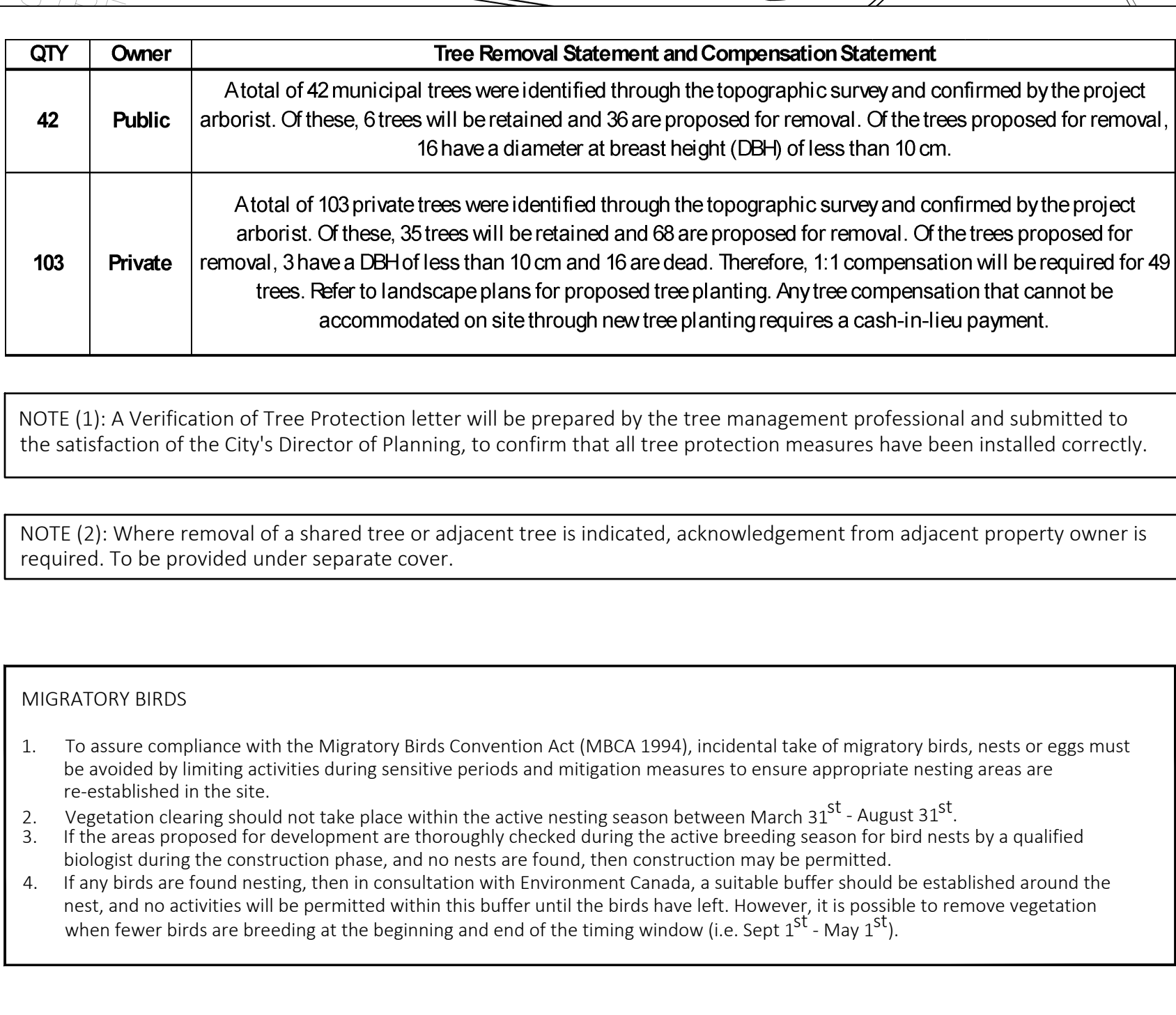
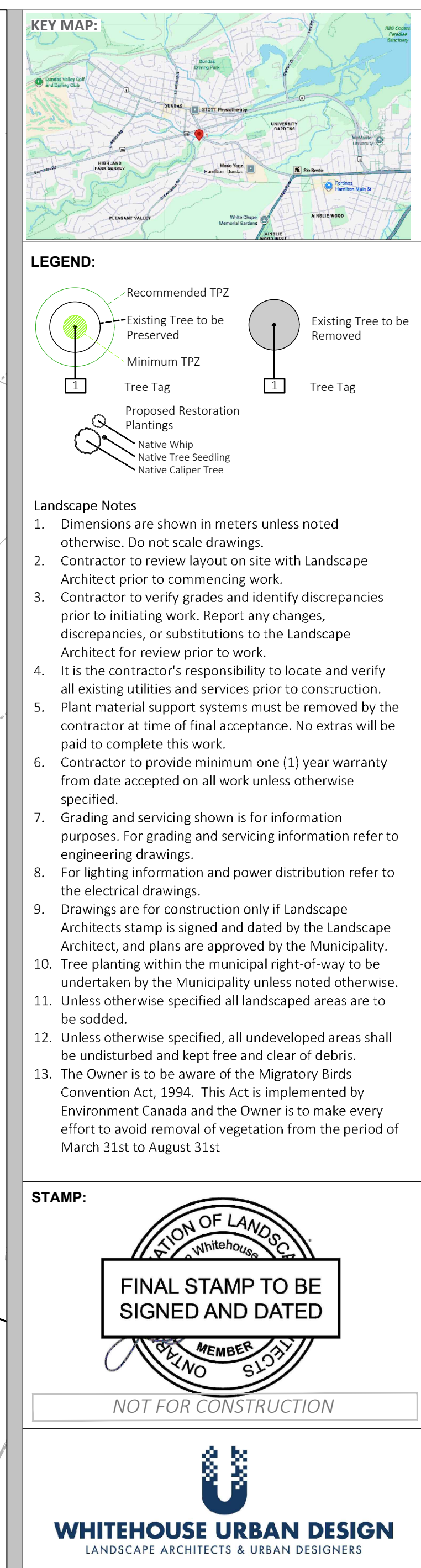


DWG No. L1	DRAWN BY: KZ
SHEET No. 1 of 4	DESIGN BY: LWS and KZ
PROJECT No: 121-25	CHECKED BY: LWS
SCALE: As shown	NORTH ARROW:
Whitehouse Urban Design Inc. 3 Studebaker Place, Unit 1, Hamilton, ON, L8R 0C8 905-546-1087	

DWG No. L1	DRAWN BY: KZ
SHEET No. 1 of 4	DESIGN BY: LWS and KZ
PROJECT No: 121-25	CHECKED BY: LWS
SCALE: As shown	NORTH ARROW:
Whitehouse Urban Design Inc. 3 Studebaker Place, Unit 1, Hamilton, ON, L8R 0C8 905-546-1087	



Scale 1:200

0 5 10 20

Tree ID	Common Name	Scientific Name	DBH (cm)	DBH2 (cm)	DBH3 (cm)	DBH4 (cm)	DBH5 (cm)	Multi-stem DBH (cm)	Overall Health	Min TPZ(m)	Recomm ended TPZ(m)	Ownership	Comments	Recommendation
1	Sberian elm	Ulmus pumila	19					19	Fair	2.3	3	Public	Heavy dieback, asymmetrical form	Tree to be protected
2	Black walnut	Juglans nigra	16					16	Good	1.9	3	Public	Few broken limbs	Tree to be protected
3	Norway maple	Acer platanoides	16					16	Fair	1.9	4	Public	Vine covered, crooked mainstem, suppressed by large walnut	Remove: Tree within re-graded slope in right-of-way
4	Sugar maple	Acer saccharum	17					17	Fair	2	3	Private	Heavily vine covered, slight lean	Remove: Tree within proposed driveway
5	Norway maple	Acer platanoides	15					15	Good	1.8	3.5	Private	Leaning	Remove: Tree within proposed driveway
6	Black walnut	Juglans nigra	14					14	Good	1.7	4	Private	Leaning and crooked canopy	Remove: Tree within proposed driveway
7	Black walnut	Juglans nigra	11					11	Fair	1.3	4	Public	Heavily leaning and vine covered	Remove: Tree within re-graded slope in right-of-way
8	Sberian elm	Ulmus pumila	14	13	14	12	11	29	Fair	3.4	5	Public	Multi-stemmed, crooked main stems, limb dieback	Remove: Tree within re-graded slope in right-of-way
9	Black walnut	Juglans nigra	30					30	Good	3.6	5	Private		Remove: Tree within proposed walkway
10	Black walnut	Juglans nigra	10					10	Good	1.2	4	Public		Remove: Tree within re-graded slope in right-of-way
11	Black walnut	Juglans nigra	18					18	Good	2.2	4	Public	Bark discolouration	Remove: Tree within re-graded slope in right-of-way
12	Black walnut	Juglans nigra	11					11	Good	1.3	4	Public	Leaning	Remove: Tree within re-graded slope in right-of-way
13	Black walnut	Juglans nigra	11					11	Good	1.3	3	Public		Remove: Tree within re-graded slope in right-of-way
14	Black walnut	Juglans nigra	19					19	Good	2.3	5	Public		Remove: Tree within proposed pathway
15	Sberian elm	Ulmus pumila	10	10				14	Fair	1.7	4	Public	Codominant stems, crowded canopy	Remove: Tree within proposed service connection
16	Black walnut	Juglans nigra	19					19	Good	2.3	4	Private		Remove: Tree within proposed building
17	Black walnut	Juglans nigra	14					14	Good	1.7	5	Private		Tree to be protected
18	Manitoba maple	Acer negundo	21	20				29	Fair	3.5	5	Private	Codominant stems from ground	Tree to be protected
19	Black walnut	Juglans nigra	19					19	Good	2.3	4	Private	Rubbing and crossing limbs, asymmetrical crown	Tree to be protected
20	Black walnut	Juglans nigra	15					15	Good	1.8	4	Private	Asymmetrical crown	Tree to be protected
21	Sugar maple	Acer saccharum	20	17				26	Good	3.1	5	Private	Codominant stem with included union	Tree to be protected
22	Sugar maple	Acer saccharum	12					12	Fair	1.4	4	Private	Asymmetrical crown, vine suppression	Tree to be protected
23	Black walnut	Juglans nigra	16					16	Fair	1.9	4	Private	Leaning, bark discolouration, forked canopy, dieback	Tree to be protected
24	Sugar maple	Acer saccharum	19					19	Good	2.3	5	Private	Crowded canopy/rubbing and crossing limbs	Tree to be protected
25	Sugar maple	Acer saccharum	11					11	Fair	1.3	5	Private	Asymmetrical crown, bowed trunk, frost frack	Tree to be protected
26	Black walnut	Juglans nigra	19					19	Good	2.3	4	Private		Remove: Tree within proposed building
27	Black walnut	Juglans nigra	14					14	Good	1.7	3	Private	Bark discolouration	Tree to be protected
28	White ash	Fraxinus americana	24					24	Poor	2.9	6	Private	EAB	Remove: Emerald ash borer
29	White ash	Fraxinus americana	14					14	Fair	1.7	4	Private	Bark cracks, leaning, asymmetrical crown	Tree to be protected
30	Norway maple	Acer platanoides	5					5	Good	0.6	2	Private	On slope	Tree to be protected
31	Chinquapin oak	Quercus muehlenbergi	22					22	Good	2.6	7	Private	Leaning	Tree to be protected
32	Black walnut	Juglans nigra	25					25	Good	3	5	Private		Tree to be protected
33	Black walnut	Juglans nigra	14					14	Good	1.7	4	Private		Remove: Tree within proposed driveway
34	Black walnut	Juglans nigra	18					18	Good	2.2	4	Private	Some branch dieback mostly on lower limbs	Remove: Tree within proposed building
35	Black walnut	Juglans nigra	51					51	Good	6.1	11	Private		Remove: Tree within proposed driveway
36	Norway maple	Acer platanoides	29					29	Fair	3.5	4	Private	Leaning, branch tear out leaving wound	Remove: Tree within proposed walkway
37	Black walnut	Juglans nigra	48					48	Fair	5.8	10	Private	Codominant union, spreading limbs	Remove: Tree within proposed building
38	Norway maple	Acer platanoides	11					11	Fair	1.3	4	Private	Crooked main stem and suppressed crown	Remove: Tree within proposed building
39	Norway maple	Acer platanoides	18					18	Good	2.2	4	Private		Remove: Tree within proposed building
40	Norway maple	Acer platanoides	12					12	Good	1.4	5	Private	Asymmetrical crown	Remove: Tree within proposed building
41	Norway maple	Acer platanoides	7					7	Good	0.8	2	Private	On slope	Tree to be protected
42	Black walnut	Juglans nigra	67					67	Good	8	12	Private		Tree to be protected
43	White ash	Fraxinus americana	9					9	Fair	1.1	3	Private	On lean, some cracked bark	Tree to be protected
44	Norway maple	Acer platanoides	12					12	Good	1.4	5	Private	Crooked mainstem	Remove: Tree within proposed building
45	Norway maple	Acer platanoides	11					11	Fair	1.3	5	Private	Heavily leaning	Remove: Tree within proposed building
46	Norway maple	Acer platanoides	52					52	Fair	6.2	7	Private	Leaning, broken limbs and dieback	Remove: Tree within proposed building
47	Sugar maple	Acer saccharum	86					86	Good	10.3	16	Private	Overcrowded canopy, multiple limbs from single attachment	Remove: Tree within proposed building
48	Norway maple	Acer platanoides	10					10	Fair	1.2	6	Private	On slope, on lean, wavy trunk	Remove: Tree within proposed building
49	Black walnut	Juglans nigra	26					26	Fair	3.1	9	Private	Crooked crown, leaning	Remove: Tree within proposed building
50	Norway maple	Acer platanoides	5	6	5	5	5	12	Good	1.4	1.5	Private	Multiple stems, on slope	Tree to be protected
51	Norway maple	Acer platanoides	5	7	5	5	5	12	Good	1.5	2	Private	Multiple stems, on slope	Tree to be protected
52	Black walnut	Juglans nigra	12					12	Good	1.4	2.5	Public		Tree to be protected
53	Black walnut	Juglans nigra	15					15	Good	1.8	4	Public	Codominant stems, included bark, on slight lean	Tree to be protected
54	Black walnut	Juglans nigra	73					73	Good	8.8	11	Private	Some dead/broken branches, heavy grapevine	Remove: Tree within proposed building
55	White ash	Fraxinus americana	12					12	Fair	1.4	2	Private	Insect damage, dieback, on heavy lean	Remove: Tree within proposed building
56	White ash	Fraxinus americana	11					11	Poor	1.3	2	Private	Insect damage, dieback, on heavy lean	Remove: Tree within proposed building
57	White ash	Fraxinus americana	10					10	Fair	1.2	2	Private	Insect damage, dieback, on heavy lean	Remove: Tree within proposed building
58	Black walnut	Juglans nigra	27	34				43	Fair	5.2	8	Private	Codominant stems, included bark, on slight slope	Remove: Tree within proposed driveway
59	Black walnut	Juglans nigra	24					24	Good	2.9	5	Private	Grapevine	Remove: Tree within proposed walkway
60	White spruce	Picea glauca	36					36	Good	4.3	9	Private	Some broken branches	Remove: Tree within proposed walkway
61	Black walnut	Juglans nigra	19					19	Good	2.3	4	Public	Some dead branches	Remove: Tree within re-graded slope in right-of-way
62	Sberian elm	Ulmus pumila	14	12	10	7	7	23	Fair	2.8	5	Public	On slope, codominant stems, dead branches	Remove: Tree within re-graded slope in right-of-way
63	Black walnut	Juglans nigra	11					11	Good	1.3	4	Public	On slope, some broken branches	Remove: Tree within re-graded slope in right-of-way
64	Sberian elm	Ulmus pumila	7	8	6	2		12	Fair	1.5	2.5	Public	Codominant stems, broken branches, dead branches	Remove: Tree within re-graded slope in right-of-way
65	Black walnut	Juglans nigra	35					35	Good	4.2	8	Public	Some dead branches	Remove: Tree within re-graded slope in right-of-way
66	Black walnut	Juglans nigra	13					13	Good	1.6	4	Public	On slope	Remove: Tree within re-graded slope in right-of-way
67	Black walnut	Juglans nigra	10					10	Good	1.2	3	Private	On slope	Remove: Tree within proposed walkway
68	Black walnut	Juglans nigra	28					28	Good	3.4	6	Public	Some broken branches, some included bark	Remove: Tree within proposed service connection
69	Black walnut	Juglans nigra	20					20	Good	2.4	4	Public	Qook in crown, some broken branches	Remove: Tree within proposed walkway
70	Black walnut	Juglans nigra	11					11	Good	1.3	3	Public	Asymmetrical crown, codiminant at 2 m	Remove: Tree within proposed service connection
71	Norway maple	Acer platanoides	32					32	Good	3.8	9	Private	On slope, asymmetrical crown	Tree to be protected
72	Norway maple	Acer platanoides	15					15	Good	1.8	5	Private	On slope, asymmetrical crown	Tree to be protected
73	Norway maple	Acer platanoides	15					15	Fair	1.8	5	Private	On slope, severe lean, broken branches, grape vine, asymmetrical crown	Tree to be protected
74	Norway maple	Acer platanoides	16					16	Fair	1.9	6	Private	On slope, some broken branches, grapevine	Tree to be protected
75	Norway maple	Acer platanoides	14					14	Fair	1.7	4.5	Private	On slope, some broken branches, grapevine	Tree to be protected
76	Norway maple	Acer platanoides	16					16	Poor	1.9	4	Private	On slope, some broken branches, severe lean, Codominant stems, grapevine	Tree to be protected
77	Norway maple	Acer platanoides	21	18				28	Fair	3.3	4	Private	On slope, asymmetrical crown, codominant stems, on severe lean, included bark	Tree to be protected
78	Black walnut	Juglans nigra	11					11	Good	1.3	3.5	Private	A few dead branches	Remove: Tree within proposed building
79	Black walnut	Juglans nigra	16					16	Good	1.9	4	Private	A few dead branches, crook in stem	Remove: Tree within proposed building
80	Eastern cottonwood	Populus deltoides	56	36				67	Poor	8	12	Private	Many dead branches, codominant stems, included bark	Remove: in poor health
81	Black walnut	Juglans nigra	19					19	Fair	2.3	4	Private	Codominant stems, included bark, a few dead/broken branches	Remove: Tree within proposed building
82	Black walnut	Juglans nigra	11	13	7			18	Fair	2.2	3	Private	Codominant stems, included bark, several dead branches	Remove: Tree within rainwater silo
83	Black walnut	Juglans nigra	13					13	Good	1.6	4	Private	A few dead branches	Remove: Tree within area to be re-graded
84	White spruce	Picea glauca	16					16	Fair	1.9	5	Private	Broken branches, on slope	Tree to be protected
85	White spruce	Picea glauca	20					20	Good	2.4	4.5	Private	Broken branches, on slope	Tree to be protected
86	Black walnut	Juglans nigra	10					10	Good	1.2	3	Private	Some dead branches	Tree to be protected
87	Black walnut	Juglans nigra	19					19	Good	2.3	4.5	Private	Some dead branches	Remove: Tree within proposed driveway
88	Black walnut	Juglans nigra	24					24	Good	2.9	4	Private	Some dead branches, grapevine	Remove: Tree within proposed building
89	Black walnut	Juglans nigra	10					10	Good	1.2	3	Private	Some dead branches, grapevine	Remove: Tree within proposed driveway
90	Black walnut	Juglans nigra	16					16	Good	1.9	5	Private	Some dead branches, grapevine	Remove: Tree within proposed building
91	White ash	Fraxinus americana	13					13	Fair	1.6	4.5	Private	Codominant stems, on slight lean, extensive grapevine	Remove: Tree within proposed driveway
92	Black walnut	Juglans nigra	18					18	Fair	2.2	8	Private	Heavy grapevine, asymmetrical crown, some dead branches	Remove: Tree within proposed walkway
93	White ash	Fraxinus americana	10					10	Fair	1.2	3.5	Private	Heavy grapevine, asymmetrical crown, some dead branches	Remove: Tree within proposed walkway
94	Black walnut	Juglans nigra	24					24	Fair	2.9	5.5	Private	Grapevine, some dead branches	Remove: Tree within proposed building
95	Black walnut	Juglans nigra	18					18	Good	2.2	5	Private	Asymmetrical crown	Remove: Tree within proposed building
96	Black walnut	Juglans nigra	48					48	Good	5.8	9	Private		Remove: Tree within proposed driveway
97	Norway maple	Acer platanoides	17					17	Good	2	7	Private	Asymmetrical crown, on lean, on slope, some dead branches	Remove: Tree within proposed building
98	Norway maple	Acer platanoides	51					51	Fair	6.1	9	Private	On slope, on slight lean, codominant stems, grapevine	Remove: Tree within proposed building
99	Norway maple	Acer platanoides	39					39	Fair	4.7	8	Private	Asymmetrical crown, wavy trunk	Remove: Tree within proposed building
100	White spruce	Picea glauca	17					17	Good	2	7	Private		Tree to be protected

Tree ID	Common Name	Scientific Name	DBH (cm)	DBH2 (cm)	DBH3 (cm)	DBH4 (cm)	DBH5 (cm)	Multi-stem DBH (cm)	Overall Health	Min TPZ(m)	Recomm ended TPZ(m)	Ownership	Comments	Recommendation
101	Black walnut	Juglans nigra	22					22	Fair	2.6	4	Private	Vine covered, thin crown	Remove: Tree within proposed driveway
102	Black walnut	Juglans nigra	5					5	Good	0.6	2	Public	On slope	Tree to be protected
103	Black walnut	Juglans nigra	3					3	Fair	0.4	2	Public	Heavily suppressed and vine covered	Remove: Tree within proposed driveway
104	White ash	Fraxinus americana	6					6	Poor	0.7	2	Public	Heavily vine suppressed with broken limbs	Remove: Tree within re-graded slope in right-of-way
105	White ash	Fraxinus americana	8					8	Poor	1	2	Public	Insect damage, heavy dieback, on lean	Remove: Tree within re-graded slope in right-of-way
106	White ash	Fraxinus americana	10					10	Fair	1.2	2	Public	Insect damage, dieback, on heavy lean	Remove: Tree within re-graded slope in right-of-way
107	White ash	Fraxinus americana	3					3	Poor	0.4	1.5	Private	Heavily vine suppressed, leaning, EAB	Remove: Tree within proposed driveway
108	Black walnut	Juglans nigra	8					8	Fair	1	3	Public	Heavily vine covered and leaning	Remove: Tree within re-graded slope in right-of-way
109	Black walnut	Juglans nigra	5					5	Good	0.6	3	Public	On slope, leaning	Remove: Tree within re-graded slope in right-of-way
110	Black walnut	Juglans nigra	3					3	Fair	0.4	2	Public	Asymmetrical crown with codominant stems	Remove: Tree within re-graded slope in right-of-way
111	Black walnut	Juglans nigra	8					8	Good	1	4	Public	On slope, some broken branches	Remove: Tree within re-graded slope in right-of-way
112	Black walnut	Juglans nigra	7					7	Good	0.8	3	Public	Leaning	Remove: Tree within re-graded slope in right-of-way
113	Sberian elm	Ulmus pumila	6	2	2			7	Fair	0.8	2	Private	Codominant stems, broken branches, dead branches	Remove: Tree within proposed walkway
114	Sberian elm	Ulmus pumila	8	6	3			10	Fair	1.3	2.5	Public	Dead branches	Remove: Tree within re-graded slope in right-of-way
115	Bittersweet hickory	Carya cordifolia	8					8	Good	1	3	Public	On slope	Remove: Tree within re-graded slope in right-of-way
116	Black walnut	Juglans nigra	7					7	Good	0.8	3	Public	On slope	Remove: Tree within re-graded slope in right-of-way
117	Black walnut	Juglans nigra	7					7	Good	0.8	3	Public	On slope	Remove: Tree within re-graded slope in right-of-way
118	Black walnut	Juglans nigra	3					3	Good	0.4	2	Public	Leaning down slope	Remove: Tree within re-graded slope in right-of-way
119	Black walnut	Juglans nigra	4					4	Fair	0.5	3	Public	Asymmetrical crown and leaning	Remove: Tree within re-graded slope in right-of-way
120	Black walnut	Juglans nigra	6					6	Good	0.7	2.5	Private	On slope	Remove: Tree within proposed walkway
121	Black walnut	Juglans nigra	3					3	Good	0.4	2	Public	On slope	Remove: Tree within re-graded slope in right-of-way
122	Black walnut	Juglans nigra	2					2	Good	0.2	2	Public	Crown leaning	Remove: Tree within re-graded slope in right-of-way
123	Black walnut	Juglans nigra	3					3	Good	0.4	2	Public	Leaning	Remove: Tree within proposed service connection
124	Norway maple	Acer platanoides	24					24	Good	2.9	4	Private	Codominant stems, on steep slope	Tree to be protected
125	Norway maple	Acer platanoides	9					9	Good	1.1	2	Private	On slope, asymmetrical crown	Tree to be protected
D1	Dead	-	18					18	Dead	2.2	0	Public	Dead	Tree to be protected
D2	Dead	-	4					4	Dead	0.5	0	Private	Dead	Remove: Tree and within proposed driveway
D3	Dead	-	25					25	Dead	3	0	Private	Dead	Tree to be protected
D4	Dead	-	20					20	Dead	2.4	0	Private	Dead	Tree to be protected
D5	Dead	-	21					21	Dead	2.5	0	Private	Dead	Tree to be protected
D6	Dead	-	18					18	Dead	2.2	0	Private	Dead	Remove: Tree within dead tree grouping
D7	Dead	-	19					19	Dead	2.3	0	Private	Dead	Remove: Tree within dead tree grouping
D8	Dead	-	15					15	Dead	1.8	0	Private	Dead	Remove: Tree within dead tree grouping
D9	Dead	-	12					12	Dead	1.4	0	Private	Dead	Remove: Tree within dead tree grouping
D10	Dead	-	41					41	Dead	4.9	0	Private	Dead	Remove: Dead and within proposed building
D11	Dead	-	12					12	Dead	1.4	0	Private	Dead	Remove: Dead and adjacent to tree being removed
D12	Dead	-	30					30	Dead	3.6	0	Private	Dead	Remove: Tree near dead tree grouping
D13	Dead	-	54					54	Dead	6.5	0	Private	Dead	Remove: Dead and within proposed driveway
D14	Dead	-	24					24	Dead	2.9	0	Private	Dead	Remove: Dead and within proposed driveway
D15	Dead	-	15					15	Dead	1.8	0	Private	Dead	Remove: Dead and within proposed driveway
D16	Dead	-	70					70	Dead	8.4	0	Private	Dead	Remove: Dead and within proposed driveway
D17	Dead	-	21					21	Dead	2.5	0	Private	Dead	Remove: Dead and within proposed building
D18	Dead	-	10					10	Dead	1.2	0	Private	Dead	Remove: Dead and within proposed building
D19	Dead	-	20					20	Dead	2.4	0	Private	Dead	Remove: Dead and within proposed building
D20	Dead	-	10					10	Dead	1.2	0	Private	Dead	Remove: Dead and within proposed building