

Tree Number	Species	DBH (cm)	Canopy Diameter (m)	Biological Health	Structural Condition	Recommended Action	Comments	Location Category
137	Acer platanoides (Norway Maple)	29.5	8	M	ML	RC	Co-dominant leader, multi-branch node, small girdling roots, potentially large girdling root below grade and one leader with wound over 50% trunk circumference.	S
138	Acer platanoides (Norway Maple)	35.1	10	M	M	RC	Girdling root, wounds on surface roots, multi-branch node, 20% canopy dieback with 2 large dead branches, and potential girdling root below grade.	S
139	Pinus nigra (Austrian Pine)	36.8	8	M	M	RC	Backfilled, multiple leaders, multi-branch node and minor canopy dieback of 5%.	S
140	Pinus nigra (Austrian Pine)	33	5.5	ML	ML	RC	2 leaders, canopy 50% dead and 15% dieback on last years leaders.	S
141	Pinus nigra (Austrian Pine)	36.7	8	M	ML	RC	10% canopy dieback on year-old growth, backfilled, co-dominant leaders from 9m height, large branch turned leader fusing with other branches.	S
142	Pinus nigra (Austrian Pine)	40.5	9.5	M	M	RC	10% canopy dieback in year-old growth, and backfilled.	S
143	Pinus nigra (Austrian Pine)	30.7	6	ML	ML	RC	10% canopy dieback in year-old growth, backfilled and wound of 30% trunk circumference from base to 0.5m height.	S
144	Pinus nigra (Austrian Pine)	36.7	8.5	M	ML	RC	10% dieback on small branches, large girdling root, unbalanced canopy and co-dominant leaders.	S
145	Pinus nigra (Austrian Pine)	42	7	M	ML	P	10% canopy dieback on small branches, backfilled or potential girdling root below grade.	S
146	Pinus nigra (Austrian Pine)	31.3	7	M	M	P	10% canopy dieback in year-old growth.	S
147	Pinus nigra (Austrian Pine)	32.5	7	M	M	P	15% canopy dieback in year-old growth and unbalanced canopy.	S
148	Pinus nigra (Austrian Pine)	30.3	7	M	M	P	Backfilled, canopy 30% dead and unbalanced canopy.	S
149	Pinus nigra (Austrian Pine)	36.3	9	M	M	P	10% canopy dieback in year-old growth, and backfilled.	S
150	Pinus nigra (Austrian Pine)	32.4	7	M	M	P	5% canopy dieback in year-old growth, and backfilled.	S
151	Pinus nigra (Austrian Pine)	36.7	7.5	M	M	P	40% dieback on small branches, 15" lean at base and wound on trunk of 15% circumference.	S
152	Pinus nigra (Austrian Pine)	24.6	6	M	M	P	25% canopy dieback in year-old growth, unbalanced canopy, and backfilled.	S
153	Pinus nigra (Austrian Pine)	43.4	9	M	M	P	Co-dominant leaders from 2m height, included bark, 5% canopy dieback, fusing between trunk and large branches, backfilled and small girdling root.	S
154	Pinus nigra (Austrian Pine)	31.6	9	M	ML	P	Girdling root, zig-zag trunk lead 25% dieback of canopy and 45" lean at top.	S
155	Acer saccharum (Sugar Maple)	30.3	8	M	M	P	Dropping leaves early, tight branch unions and multibranch union.	S
156	Malus sp. (Crabapple)	17.3	4.5	M	ML	P	Watersprouts, wound at base covering 30% of trunk circumference, and wound at main union over 60% of trunk circumference.	N
157	Quercus macrocarpa (Bur Oak)	5	1	H	H	P		N
158	Carpinus caroliniana (Blue Beech)	5	1	H	H	P		N
159	Gleditsia triacanthos inermis (Honey Locust)	10	2	M	M	P		S

TREE INVENTORY LEGEND

Biological Health
H (High Quality) - Vigorous growth and desirable urban tree species with no apparent symptoms of disease or pests.
MH (Medium-High Quality) - Moderate growth of high quality urban species with minor symptoms of disease that are aesthetic only and have less than 5% dieback.
M (Medium Quality) - Moderate growth of any species with minor dieback of less than 15% of canopy and/or minor symptoms of disease or pests.
ML (Medium-Low Quality) - Low vigour, with dieback of 15% - 50% of canopy and/or major symptoms of disease or pests.
L (Low Quality) - More than 50% of the canopy is dead.

Structural Condition
H (High Quality) - No apparent defects to root crown, trunk, leader, or major limbs.
MH (Medium-High Quality) - No significant defects to root crown or trunk and minor defects to canopy including limbs.
M (Medium Quality) - Minor defects to important elements (root crown, trunk, leader, and main branch union or major limbs).
ML (Medium-Low Quality) - Major defects that suggest risk of declining to low quality within 2-10 years.
L (Low Quality) - Major defects that have an immediate risk of failure.

Recommended Action

P - Preserve	B	Borer	TB	Torn/broken branch
R - Remove for poor condition	BB	Broken or hanging branches	%TD	Percent trunk circumference that is damaged.
RC - Remove for Construction	BF	Backfilled		
R* - Remove with Neighbours Approval	CS	Compacted soil	TH	Top heavy
R** - Remove with Towns Approval	DB	Dead branches	UB	Unbalanced crown
T - Transplant	FFB	Fungus Fruiting Bodies		(N,S,E,W indicates weighted side of crown)
	G	Girdling		
	HA	Hazard	V	Vine growing in tree
	IB	Included bark	WB	Witches broom in tree
	-LS	Lean showing direction		
	(i.e. LS=lean south)		WP	Woodpecker damage
	ZL	2 leaders or codominant stems	WS	Watersprouts
	MB	Multibranch node	ZZ	Zigzag trunk
	MS/ML	Multistem	%D	%X crown is dead
	PL	Pruned limbs		
	SU	Suppressed crown		

Location
S - Subject site
N - Neighboring property
C - City boulevard

TREE LIST

Tree Number	Species	DBH (cm)	Canopy Diameter (m)	Biological Health	Structural Condition	Recommended Action	Comments	Location Category
97	Pinus nigra (Austrian Pine)	37.6	6	MH	MH	RC		S
98	Pinus nigra (Austrian Pine)	38.2	6	MH	MH	RC		S
99	Pinus nigra (Austrian Pine)	45.5	6	MH	MH	RC		S
100	Salix rubens (Crack Willow)	53	8	ML	ML	P		N
101	Amalanchier canadensis (Serviceberry)	19.8	5	M	M	P	Wound at base of 30% trunk circumference, multiple large pruned limbs and canopy.	N
102	Amalanchier canadensis (Serviceberry)	21.2	4	M	M	P	Wound at base of 30% trunk circumference, multiple large pruned limbs and canopy.	N
103	Amalanchier canadensis (Serviceberry)	21.2	5	M	M	P	Wound at base of 30% trunk circumference and leans 20° away from site.	N
104	Picea glauca (White Spruce)	22.5	4.5	M	M	P	Chlorosis in older foliage.	N
105	Picea glauca (White Spruce)	27	6.5	H	H	RC		N
106	Picea glauca (White Spruce)	31	6	H	H	P	Canopy dieback on smaller twigs.	N
107	Picea glauca (White Spruce)	30	5	H	H	P		N
108	Acer platanoides (Norway Maple)	42.3	11	M	M	RC	Multi-branch node and wounds on surface roots.	S
109	Acer platanoides (Norway Maple)	34.5	7.5	L	L	R	Backfilled, canopy 80% dead and large limbs dead throughout.	S
110	Acer platanoides (Norway Maple)	56.7	14	M	M	RC	Approximately 10 medium-sized dead branches, wounds on surface roots, small girdling roots, large wound below main branch union of 30% trunk circumference, multi-branch node and wound at main branch union.	S
111	Acer platanoides (Norway Maple)	40.9	8	M	M	RC	Multi-branch node, girdling roots, approximately 3 medium-sized dead branches and tight branch union.	S
112	Acer platanoides (Norway Maple)	48.3	10	M	M	RC	Girdling roots, multi-branch node, wounds on surface roots, included bark at branch union, approximately 5 medium-sized dead branches.	S
113	Acer platanoides (Norway Maple)	38.2	9	M	M	Ph1 RC	Small girdling root, co-dominant leaders, unbalanced canopy, backfilled and wounds on surface roots.	S
114	Acer platanoides (Norway Maple)	40.4	9.5	M	M	Ph1 RC	Girdling root, wounds on surface roots, and multi-branch node.	S
115	Pinus nigra (Austrian Pine)	38.2, 33	11	M	M	Ph1 RC	Co-dominant leaders and fusing large branch with 2nd leader.	S
116	Pinus nigra (Austrian Pine)	39.8	9	MH	M	Ph1 RC	Minor dieback of <5%	S
117	Pinus nigra (Austrian Pine)	39.3	11	M	M	Ph1 RC	Minor dieback of 5%	S
118	Pinus nigra (Austrian Pine)	37.2	12	MH	M	Ph1 RC	Minor dieback of <5% and co-dominant leaders from 4m height.	S
119	Acer platanoides (Norway Maple)	14.5	4	L	L	R	Multi-branch node, one dead leader, canopy 40% dead, backfilled, wound on trunk of 50% trunk circumference, and large crack at base to main union.	S
120	Acer platanoides (Norway Maple)	20.5	5	M	M	Ph1 RC	Backfilled, wound at 1m height over 30% of trunk circumference, multi-branch node and large wound on lowest branch over 30% of branch circumference.	S
121	Pinus nigra (Austrian Pine)	30.2	6	M	M	Ph1 RC	Dieback on older growth of 15%, lean 10° at base, backfilled, and wounds on surface roots.	S
122	Pinus nigra (Austrian Pine)	24.4	5.5	M	M	Ph1 RC	Backfilled.	S
123	Pinus nigra (Austrian Pine)	31	6	MH	ML	Ph1 RC	30° lean to north at base then straightens.	S
124	Pinus nigra (Austrian Pine)	31.7	7	MH	M	Ph1 RC	10° lean to north and backfilled.	S
125	Acer platanoides (Norway Maple)	25.1	7	M	M	Ph1 RC	Girdling root, crack from 0.15m to 1.5m height, canopy 20% dead, and included bark on leader.	S
126	Acer platanoides (Norway Maple)	30.7	9	M	M	Ph1 RC	20° lean to south, girdling roots, multi-branch node, and wound at 30cm ht. with rot.	S
127	Pinus nigra (Austrian Pine)	50.6	10	MH	MH	Ph1 RC		S
128	Pinus nigra (Austrian Pine)	53.4	10	MH	MH	Ph1 RC	Potentially girdling root below grade and backfilled.	S
129	Pinus nigra (Austrian Pine)	33.2	7	M	M	Ph1 RC	Backfilled.	S
130	Acer platanoides (Norway Maple)	40.8	11	M	M	RC	Multi-branch node, wounds on surface roots, broken med.-sized, lower branch, and small girdling root.	S
131	Acer platanoides (Norway Maple)	31.1	8	M	M	RC	Crack healed from base to 1m height.	S
132	Acer platanoides (Norway Maple)	23.2	7	ML	L	R	Trunk wounded at base to 1m height over 40% of trunk circumference includes rot in trunk core, canopy 30% dead and multi-branch node.	S
133	Pinus nigra (Austrian Pine)	44	9	M	M	RC	Backfilled, dieback over 5% of older needle growth.	S
134	Pinus nigra (Austrian Pine)	37.5	7	ML	M	RC	Backfilled, and canopy 25% dead.	S
135	Pinus nigra (Austrian Pine)	20.3, 20.8	4.5	ML	L	R	co-dominant leaders, included bark, one dead leader and canopy 50% dead.	S
136	Pinus nigra (Austrian Pine)	37.6	11	M	M	RC	Backfilled, canopy with 10% dieback of older needles.	S

Tree Number	Species	DBH (cm)	Canopy Diameter (m)	Biological Health	Structural Condition	Recommended Action	Comments	Location Category
50	Acer saccharum (Sugar Maple)	40.8	11	M	M	P	Backfilled, co-dominant leaders and multi-branch main branch union.	S
51	Acer saccharum (Sugar Maple)	29	7	M	M	P	Early fall syndrome	S
52	Acer saccharum (Sugar Maple)	27.3	7	M	M	P	early fall syndrome, multi-branch main branch union, and large wound on lower branch.	S
53	Pinus nigra (Austrian Pine)	26, 33	8.5	MH	M	P	Co-dominant leaders, unbalanced canopy, included bark and fusing of branches on trunk.	S
54	Pinus nigra (Austrian Pine)	30.1, 24, 25.3	8	MD	M	P	Three leaders and minor tip dieback of 5%	S
55	Pinus nigra (Austrian Pine)	26.6, 21.4	7	MH	M	P	Co-dominant leaders, unbalanced canopy, and leaning in base of tree.	S
56	Gleditsia triacanthos inermis (Honey Locust)	12.9	4	MH	MH	P	Co-dominant leaders and one large pruned limb.	C
57	Gleditsia triacanthos inermis (Honey Locust)	13.7	4.5	ML	M	P	Co-dominant leaders, wound at base of tree of 30% trunk circumference, 10° lean and one large pruned limb.	C
58	Acer platanoides (Norway Maple)	17.1	2.5	M	ML	P	Columnar form, dead leader, epicormic sprouts up entire trunk, minor 5% canopy dieback and a wound of 30% trunk circumference.	C
59	Acer platanoides (Norway Maple)	23.5	4	ML	ML	P	Canopy dieback of 15%, wound at base and at 0.3m ht. of 10% trunk circumference, 2 large pruned limbs and a previously co-dominant leader died back.	S
60	Acer saccharum (Sugar Maple)	30.8	6	H	MH	P	Small girdling root and wounds on surface roots.	S
61	Pinus nigra (Austrian Pine)	37.3	6	ML	M	P	Co-dominant leaders, fusing branches to trunk and tip dieback of 30%.	S
62	Acer saccharum (Sugar Maple)	26	6	H	MH	P	Small girdling root.	S
63	Pinus nigra (Austrian Pine)	40.1	9	M	MH	P	Unbalanced canopy and backfilled.	S
64	Pinus nigra (Austrian Pine)	38.2, 20.5	8	M	M	P	Co-dominant leaders and unbalanced canopy.	S
65	Pinus nigra (Austrian Pine)	44, 17.7	9	M	M	P	Co-dominant leaders and backfilled.	S
66	Pinus nigra (Austrian Pine)	31, 31	8	M	M	P	Co-dominant leaders, included bark and potential girdling root below grade.	S
67	Pinus nigra (Austrian Pine)	36.1	5	M	M	P	Unbalanced canopy.	S
68	Pinus nigra (Austrian Pine)	20, 26	6	M	M	P	Co-dominant leaders, included bark, and minor dieback in canopy of 5%.	S
69	Pinus nigra (Austrian Pine)	44.2	9	M	M	P	Small girdling root and unbalanced canopy.	S
70	Acer saccharum (Sugar Maple)	25.2	7	H	MH	P	Small girdling root.	S
71	Acer saccharum (Sugar Maple)	23.8	6	L	L	R	Wound on trunk of 50% circumference, canopy 80% dead and leader dead.	S
72	Acer saccharum (Sugar Maple)	29.3	8	H	MH	RC	Multi-branch main branch union, small wounds on base of trunk and wounds on surface roots.	S
73	Acer platanoides (Crimson King/ Crimson King Maple)	24.1	6	MH	M	P	Multiple wounds at base of trunk covering 20% circumference cumulatively and small girdling roots.	N
74	Acer platanoides (Norway Maple)	32.9	9	MH	M	P	Co-dominant leaders, with multi-branch union and wounds on surface roots.	N
75	Acer platanoides (Norway Maple)	36.6	9	MH	M	P	Multi-branch branch union and wounds on surface roots.	N
76	Gleditsia triacanthos inermis (Honey Locust)	5	1	M	M	P	Newly planted tree with stakes and gator but showing stress in form of early fall.	C
77	Gleditsia triacanthos inermis (Honey Locust)	5	1	M	M	P	Newly planted tree with stakes and gator but showing stress in form of early fall.	C
78	Gleditsia triacanthos inermis (Honey Locust)	5	1	M	M	P	Newly planted tree with stakes and gator but showing stress in form of early fall.	C
79	Gleditsia triacanthos inermis (Honey Locust)	6	1.5	M	M	P	Newly planted tree with stakes and gator.	C
80	unclear	5	1	D	D	P	Dead	N
81	unclear	5	1	D	D	P	Dead	N
82	Acer saccharinum (Silver Maple)	7.8	3.5	H	H	P		N
83	Acer saccharinum (Silver Maple)	10.1	4	H	MH	P		N
84	Acer saccharinum (Silver Maple)	9.5	4	H	MH	P	Watersprouts	N
85	Picea pungens (Colorado Spruce)	43	7	H	MH	P	Multiple leaders	N
86	Picea pungens (Colorado Spruce)	42	7	H	H	P		N
87	Picea glauca (White Spruce)	27	6	H	H	P		N
88	Picea glauca (White Spruce)	18	4	H	H	P		N
89	Picea glauca (White Spruce)	20	4	H	H	P	Leans 10° away from site.	N
90	Picea glauca (White Spruce)	19	4	H	H	P		N
91	Pinus nigra (Austrian Pine)	31.4, 26.2, 32.3	6	MH	M	RC	Three leaders, unbalanced canopy, and minor dieback of less than 5%.	S
92	Pinus nigra (Austrian Pine)	32.3	5	MH	MH	RC		S
93	Pinus nigra (Austrian Pine)	32.7	5	MH	MH	RC	Two leaders and minor dieback of 5%.	S
94	Pinus nigra (Austrian Pine)	40.4	7	MH	MH	RC	Co-dominant leaders from 6m ht. and minor dieback of <5%.	S
95	Pinus nigra (Austrian Pine)	31.7	5	MH	MH	RC	Backfilled and minor dieback of <5%.	S
96	Pinus nigra (Austrian Pine)	29.3, 32.8	6	MH	M	RC	Co-dominant leaders and minor canopy dieback of 5%.	S

Tree Number	Species	DBH (cm)	Canopy Diameter (m)	Biological Health	Structural Condition	Recommended Action	Comments	Location Category
1	Pinus nigra (Austrian Pine)	37.6	7	MH	MH	P	Unbalanced canopy and wounds on surface roots.	S
2	Pinus nigra (Austrian Pine)	36.2	7	MH	MH	P	Backfilled, approx. 15 branch stubs or dead branches, unbalanced canopy and minor tip dieback.	S
3	Pinus nigra (Austrian Pine)	27.5	5	ML	M	P	Top dead.	S
4	Pinus nigra (Austrian Pine)	34.4	7	MH	MH	P	Minor dieback	S