Tree Inventory and Preservation Plan Report
3275 Trafalgar Road
Oakville, Ontario

prepared for

Seferian Design Group
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prepared by

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KUNTZ FORESTRY CONSULTING INC Project P3824

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1.0 Introduction

Kuntz Forestry Consulting Inc. was retained by Seferian Design Group to complete a Tree Inventory and Preservation Plan for the proposed development at 3275 Trafalgar Road in the Town of Oakville, Ontario. The subject property resides on the east side of Trafalgar Road between Dundas Street East and Burnhamthorpe Road East within a mixed use area.

The work plan for this tree preservation study included the following:

- Prepare inventory of the tree resources greater than 10cm DBH on and within 6m of the subject property and trees of all sizes on municipal property,
- Evaluate potential tree saving opportunities based on the proposed work plans; and,
- Document the findings in a Tree Inventory and Preservation Plan Report.

The results of the evaluation are provided below.

2.0 Methodology

2.1 Tree Inventory

Trees greater than 10cm DBH, within 6m of the disturbance limit and trees of any size on municipal property were included in the tree inventory. Trees were located using the topographic survey provided and a Trimble GPS unit. Individual trees were tagged using the numbers 786-790, 956-958, 1116-1148, 1150, 1194-1208, 1276-1393. Trees that could not be tagged were identified using the letters A, O-T, W-Z, and AA-FF. Four (4) polygons were inventoried and identified as P1, P3, P4, and P5. Tree locations are shown on Figure 1 and 2. See Table 1 for the results of the tree inventory. See Appendix A for photographs of trees.

Tree resources were assessed utilizing the following parameters:

Tree # - number assigned to tree that corresponds to Figure 1 and 2
Species - common and botanical names provided in the inventory table.
DBH - diameter (centimeters) at breast height, measured at 1.4 m above the ground.
CW – width of Crown measured in meters (m).
Condition - condition of tree considering trunk integrity, crown structure and crown vigor. Condition ratings include poor (P), fair (F) and good (G).
Comments - additional relevant detail.

2.2 Tree Valuation

A tree valuation was calculated for the trees within the road right-of-way based on the information obtained by the tree inventory. The value was calculated using the Reproduction Cost Method – Trunk Formula Technique as described in the Guide for Plant Appraisal, 10th Edition (CTLA, 2019). The Ontario Supplement (2003) provides regionally relevant data pertaining to basic costs for trees.

Trunk Formula Technique

This method is used for trees that are larger than what is commonly available for transplant from a nursery. The Unit Tree Cost of the replacement tree is derived from a survey of nurseries or supplied by the Regional Plant Appraisal Council and published within the Ontario Supplement (2003). For Ontario, the unit tree cost has been set at $\$6.51/cm^2$ within the Supplement and this value has been used for the calculation. For trees that are small enough in size to be replaced with nursery stock, the price of the nursery stock was obtained through wholesale price quotes from multiple nurseries throughout southern Ontario, if applicable.

The Basic Tree Cost is calculated by multiplying the unit tree cost by the cross-sectional area of the subject tree. For multi-stemmed trees, the appraised trunk area considers the cross-sectional area of all stems. The Appraised Value is calculated by multiplying the Basic Reproduction Cost by the three depreciation factors (Condition Rating, Functional Limitation Rating, and External Limitation Rating, as described in the Guide).

The appraised value of trees is therefore calculated using the following equation:

Basic Tree Cost = Appraised Tree Trunk Area X Unit Tree Cost

Appraised Value = Basic Tree Cost X Condition Rating X Functional Limitation Rating X External Limitation Rating

Functional Limitation Ratings and External Limitation Ratings are calculated according to the methods outlined in the guide. Condition ratings were calculated based on the assessed condition of the trees on the site and in accordance with the guide.

3.0 Existing Site Conditions

The subject property is currently comprised of an abandoned detached dwelling unit with a gravel driveway. A grassy field surrounded by a woodland and hedgerow exists on the eastern section of the property. Tree resources exist in the form of landscape trees and self-seeded volunteers. Refer to Figure 1 and 2 for the existing site conditions.

4.0 Tree Resources

The tree inventory was conducted on 4-6 July 2023, and 23 July 2024. The inventory documented 192 trees and four (4) polygons on and within six metres of the disturbance limit. Refer to Table 1 for the full tree inventory and Figure 1 and 2 for the location of tree reported in the tree inventory. See Appendix A for the photographs of the trees.

Tree resources were comprised of Apple (*Malus spp*.), Austrian Pine (*Pinus nigra*), Black Locust (*Robinia pseudoacacia*), Pear (*Pyrus spp*.), Catalpa (*Catalpa speciosa*), Basswood (*Tilia americana*), Little Leaf Linden (*Tilia cordata*), Eastern Cottonwood (*Populus deltoides*), European Beech (*Fagus sylvatica*), Ironwood (*Ostrya virginiana*), Silver Maple (*Acer saccharinum*), Manitoba Maple (*Acer negundo*), White Spruce (*Picea glauca*), Black Walnut (*Juglans nigra*), White Pine (*Pinus strobus*), Green Ash (*Fraxinus pennsylvanica*), Sweet Cherry (*Prunus avium*), Siberian Elm (*Ulmus pumila*), Swamp Oak (*Quercus bicolor*), White Elm (Ulmus americana), Norway Maple (Acer platanoides), Thornless

Honey Locust (*Gleditsia triacanthos inermis*), Red Oak (*Quercus rubra*), Willow (*Salix spp*.), Yew (*Taxus spp*.), and Eastern Red Cedar (*Juniperus virginiana*).

5.0 Proposed Development

The proposed development includes demolition of all existing structures. The construction of residential towers with underground parking, 2-storey townhomes, the widening of Trafalgar Road with associated streetscaping, a limestone path, and wetland restoration work is proposed.

6.0 Discussion

6.1 Development Impacts/Tree Removal

The removal of 171 individual trees, two (2) polygons, and a section of one (1) polygon is required to accommodate the proposed design. These trees either directly conflict with proposed structures or significant encroachment into their minimum tree protection zones would be required to accommodate proposed excavating and/or grading such that they would not be expected to tolerate the injury. Tree removals include Trees 790, 1116-1148, 1194-1204, 1276-1328, 1330-1393, A, O-T, W, X, P3, P4, and a section of P5.

Tree 1116, and 1194 are located within a municipal right-of-way. Trees 790, 1116-1118, 1120-1126, 1128-1144, 1147,1148, 1203,1204, 1276, 1278-1287, 1289-1291, 1293-1297, 1299-1328, 1330, 1332-1334, 1338-1355, 1357, 1358, 1360-1369, 1371, 1372, 1374, 1376-1393, A, O-R, T, W, X, and five (5) trees from P3-P5 are greater than 15cm DBH.

Tree R is located on neighbouring property. Permission from the property owners is required prior to the removal of Tree R. Refer to Figure 1 and 2 for the location of trees identified for removal.

6.2 Tree Preservation

The preservation of the remaining trees, including Trees 786-789, 956-958, 1150, 1205-1208, 1329, Y, Z, AA-FF, P1, and a section of P5 will be possible with the use of appropriate tree protection measures as indicated on Figure 1 and 2. Tree protection measures must be implemented prior to the proposed work to ensure tree resources designated for retention are not impacted by the proposed development. Refer to Figure 1 and 2 for the location of required tree preservation fencing, general Tree Protection Plan Notes, and tree preservation fence details.

Tree 789 and Z

Encroachment into the mTPZ of Z will be required to accommodate proposed re-grading. Encroachment into the mTPZ of Tree 789 may occur if the non-native fill pile is removed from around the base of the tree. The removal of this fill would occur as a future measures must be employed to ensure the trees respond well to construction.

- Prior to construction, air-spading technology should be used to excavate a trench at the limits of the proposed grading and excavating within the mTPZ of Tree 789 and Z
- Exposed roots are to be pruned inside the trench by a Certified Arborist in accordance with Good Arboricultural Standards.
- The trench must be back filled with clean loam soil once the roots have been pruned.
- Vertical tree protection fencing should be installed directly outside the trench as shown in Figure 1 and 2.
- All work is to be conducted in accordance with Good Arboricultural Standards under the supervision of a Certified Arborist.

Tree 789 and Z are greater than 15cm DBH.

6.3 Tree Valuation

Trees 1116 and 1194 were valuated using the Trunk Formula Technique. Tree 1116 was valuated at $2,060 and Tree 1194 was valuated at $430. The Town of Oakville does not accept values of less than $744; therefore, the appraised value of Tree 1194 is adjusted to $744. The total value of all trees is $2,800. Refer to Table 2 for the tree valuation calculations for public trees.

7.0 Summary and Recommendations

Kuntz Forestry Consulting Inc. was retained by Seferian Design Group to complete a Tree Inventory and Preservation Plan for the proposed development at 3275 Trafalgar Road in the Town of Oakville, Ontario. A tree inventory was conducted and reviewed in the context with the proposed site plan.

The findings of the study indicate a total of 192 individual trees and four (4) polygons on and within 6m of the disturbance limit. The removal of 171 trees, the complete removal of two (2) polygons, and the partial removal of one (1) polygon will be required to accommodate the proposed design. Preservation of the remaining trees will be possible with implementation of the preservation measures prescribed herein.

The following recommendations are suggested to minimize impacts to trees identified for preservation. Refer to Figure 1 and 2 for the location of required tree preservation fencing, general Tree Protection Plan Notes, and the tree preservation fence detail.

- Tree protection barriers and fencing should be erected at locations as prescribed on Figure 1 and 2. All tree protection measures should follow the guidelines as set out in the tree preservation plan notes and the tree preservation fencing detail.

- No construction activity including surface treatments, excavations of any kind, storage of materials or vehicles, unless specifically outlined above, is permitted within the area identified on Figure 1 and 2 as a tree protection zone (TPZ) at any time during or after construction.

- Branches that extend beyond prescribed tree protection zones that require pruning must be pruned by a qualified Arborist or other tree professional. All pruning of tree branches must be in accordance with Good Arboricultural Standards.

- Site visits, pre, during and post construction is recommended by either a certified consulting arborist (I.S.A.) or Registered Professional Forester (R.P.F.) to ensure proper utilization of tree protection barriers. Trees should also be inspected for damage incurred during construction to ensure appropriate pruning or other measures are implemented.

Respectfully submitted,

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Limitations of Assessment

Only the tree(s) identified in this report were included in the inventory. The assessment of the trees presented in this report has been made using accepted arboricultural techniques. These may include a visual examination taken from the ground of all the above-ground parts of the tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of attack by insects, discoloured foliage, the condition of any visible root structures, the degree of lean (if any), the general condition of the trees and the identification of potentially hazardous trees or recommendations for removal (if applicable). Where trees could not be directly accessed (i.e. due to obstructions, and/or on neighbouring properties), trees were assessed as accurately as possible from nearby vantage points.

Locations of trees provided in the report are determined as accurately as possible based on the best information available. If official survey information is not provided, tree location in the report may not be exact. In this case, if trees occur on or near property boundaries, an official site survey may be required to determine ownership utilizing specialized survey protocol to gain precise location.

Furthermore, recommendations made in this report are based on the site plans that have been provided at the time of reporting. These recommendations may no longer be applicable should changes be made to the site plan and/or grading, servicing, or landscaping plans following report submission.

Notwithstanding the recommendations and conclusions made in this report, it must be recognized that trees are living organisms, and their health and vigor constantly change over time. They are not immune to changes in site conditions or seasonal variations in the weather conditions. Any tree will fail if the forces applied to the tree exceed the strength of the tree or its parts.

Although every effort has been made to ensure that this assessment is reasonably accurate, the trees should be re-assessed periodically. The assessment presented in this report is valid at the time of inspection.

Table 1. Tree Inventory

Location: 3275 and 3301 Trafalgar Rd, Oakville Date: 4-6 July 2023, 23 July 2024 Surveyors: IB

Tree#	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	CW	mTPZ	A.mTPZ	Comments	Action	Owner
786	Red Oak	*Quercus rubra*	15	G	G	G		6	1.8			Retain	Private
787	Red Oak	*Quercus rubra*	11	G-F	G-F	G		6	1.8		Leaning (M), asymetrical crown (M)	Retain	Private
788	Green Ash	*Fraxinus pennsylvanica*	15,10	F-P	F	F		4	1.8		Codominant at base, trunk injury (H)	Retain	Private
789	Apple species	*Malus spp.*	28	F	F-P	F		6	1.8		Leaning (M) bowed (H)	Retain	Private
790	Apple species	*Malus spp.*	~37	F	F-P	F		8	2.4		Leaning (M), crook (H)	Remove	Private
956	Red Oak	*Quercus rubra*	13	G	G-F	G-F		6	1.8		Asymetrical crown (m)	Retain	Private
957	Red Oak	*Quercus rubra*	15.5	G	G	G		6	1.8			Retain	Private
958	Red Oak	*Quercus rubra*	17.5	G	G-F	G		6	1.8		Asymetrical crown (L)	Retain	Private
1116	Black Locust	*Robinia pseudoacacia*	25,30	F	F	G		8	2.4		Codominant at base	Remove	City
1117	Black locust	*Robinia pseudoacacia*	18,18	F-G	F	G		4	2.4		Codominant at 1.2m, pf(L)	Remove	Private
1118	Silver Maple	*Acer saccharinum*	26,25,23	F	F	F-G		10	2.4		Codominant at 1m, lean (M)	Remove	Private
1119	Black locust	*Robinia pseudoacacia*	12	F	F-G	G		8	2.4		Codominant at base	Remove	Private
1120	Eastern Cottonwood	*Populus deltoides*	24.5	F-G	G	G		8	2.4			Remove	Private
1121	Pear	*Pyrus spp.*	30, 15, 21	G	F	F-G		8	2.4		Codominant at 1.2m	Remove	Private
1122	Silver Maple	*Acer saccharinum*	20.5	F-G	F	F-G		10	2.4		Lean(L), Union at 1m	Remove	Private
1123	Black locust	*Robinia pseudoacacia*	50,38	F-G	P-F	F-G		12	3		Codominant at 1.3m, poor form (M)	Remove	Private
1124	Silver Maple	*Acer saccharinum*	34, 30,19	F	P-F	F-G		12	3		Codominant at 0.6m. Lean (M), poor form (H)	Remove	Private
1125	Silver Maple	*Acer saccharinum*	20, 17, 9	F	P-F	F-G		8	2.4		Codominant at 0.5m, poor form (H)	Remove	Private
1126	Black locust	*Robinia pseudoacacia*	24,22	F	F	F-G		10	2.4		Codominant at base, lean (M)	Remove	Private
1127	Silver Maple	*Acer saccharinum*	12.5, 9	P-F	F	F-G		5	2.4		Codominant at base, lean (H)	Remove	Private
1128	Black locust	*Robinia pseudoacacia*	16, 14	F-G	P-F	F-G		7	2.4		Codominant at base, poor form (H)	Remove	Private
1129	Silver Maple	*Acer saccharinum*	29, 34	F	F	F		10	2.4		Codominant at base, lean (M)	Remove	Private

1130	Black locust	*Robinia pseudoacacia*	26	G	G	G		8	2.4			Remove	Private
1131	Sweet Cherry	*Prunus avium*	17	G	P-F	G		6	2.4		Codominant at 1.7m, asymmetrical crown (H)	Remove	Private
1132	Black locust	*Robinia pseudoacacia*	38.5	G	F	G		8	3		Codominant at 1.3m	Remove	Private
1133	Silver Maple	*Acer saccharinum*	37,23,10, 10,8	F-G	P-F	F-G		10	3		Codominant at 1m, poor form (H)	Remove	Private
1134	Black locust	*Robinia pseudoacacia*	34	G	F	F	30	6	3		Union at 2m, dead branches (M)	Remove	Private
1135	Black locust	*Robinia pseudoacacia*	23	G	G	G		4	2.4			Remove	Private
1136	Black locust	*Robinia pseudoacacia*	16	G	F	F-G		8	2.4		Trunk injuries (L), asymmetrical crown (M)	Remove	Private
1137	Sweet Cherry	*Prunus avium*	20						2.4		Dead	Remove	Private
1138	Siberian Elm	*Ulmus pumila*	34, 30, 28	F	F	F		7	3		Codominant at base, slime Flux (M)	Remove	Private
1139	Siberian Elm	*Ulmus pumila*	22	F-G	G	G		6	2.4		Ingrown fence	Remove	Private
1140	Siberian Elm	*Ulmus pumila*	55, 57, 41	F	F	P	70	8	3.6		Codominant at 1m, dead leaders (H), epicormic branching (H)	Remove	Private
1141	Black locust	*Robinia pseudoacacia*	19	G	G	G		6	2.4			Remove	Private
1142	Siberian Elm	*Ulmus pumila*	33	G	F	F		9			Codominant at 3m	Remove	Private
1143	Siberian Elm	*Ulmus pumila*	20	G	G	G		4	2.4			Remove	Private
1144	Siberian Elm	*Ulmus pumila*	27	F-G	P-F	F	40	8	2.4		Codominant at 2.5m, poor form (H)	Remove	Private
1145	Black locust	*Robinia pseudoacacia*	12	F	P-F	P-F		4	2.4		Bowed (M), poor form (H)	Remove	Private
1146	Siberian Elm	*Ulmus pumila*	10,8	F-G	F-G	F-G		3	2.4			Remove	Private
1147	Black locust	*Robinia pseudoacacia*	23	G	P-F	P	50	9	2.4		Codominant at 2m, dead leader (H)	Remove	Private
1148	Siberian Elm	*Ulmus pumila*	23	G	G	G		5	2.4			Remove	Private
1150	Swamp Oak	*Quercus bicolor*	36	G	F-G	F	20	8	3		Codominant at 2.2m, Leaf scorch (M)	Retain	Private
1194	Black Locust	*Robinia pseudoacacia*	19.5	F	F	F		4	2.4		Trunk injury (M), asymmetrical crown (M)	Remove	City
1195	Black locust	*Robinia pseudoacacia*	18	F-G	G	G		8	2.4		Lean (L)	Remove	Private
1196	Siberian Elm	*Ulmus pumila*	38	G	G	G		8	3			Remove	Private

1197	Siberian Elm	*Ulmus pumila*	22.5, 15, 18, 7	F	F	F		4	2.4		Codominant at base	Remove	Private
1198	Siberian Elm	*Ulmus pumila*	17.5, 14	G	F	F		6	2.4		Codominant at 1.3m	Remove	Private
1199	Siberian Elm	*Ulmus pumila*	17, 15, 10	F	F	F		5	2.4		Codominant at 0.6m	Remove	Private
1200	Siberian Elm	*Ulmus pumila*	19	G	G	G		4	2.4			Remove	Private
1201	Siberian Elm	*Ulmus pumila*	15	G	G	G		3	2.4			Remove	Private
1202	Siberian Elm	*Ulmus pumila*	14	G	G	G		6	2.4			Remove	Private
1203	Siberian Elm	*Ulmus pumila*	24,22	G	F	F-G		7	2.4		Codominant at 1.3m	Remove	Private
1204	Siberian Elm	*Ulmus pumila*	25	G	G	G		4	2.4			Remove	Private
1205	Siberian Elm	*Ulmus pumila*	11, 7	F	F-G	F-G		7	2.4		Codominant at 0.4m	Retain	Private
1206	Siberian Elm	*Ulmus pumila*	27,18	G	F	G		5	2.4		Codominant at 1.2m	Retain	Private
1207	Siberian Elm	*Ulmus pumila*	14	G	G	G		4	2.4			Retain	Private
1208	Eastern White Cedar	*Thuja occidentalis*	14	F	F	F		7	2.4		Bowed (L), Union at 2m	Retain	Private
1276	Black Locust	*Robinia pseudoacacia*	16	F-G	P-F	F		4	2.4		Bowed (H)	Remove	Private
1277	Black locust	*Robinia pseudoacacia*	14	F	F	F		4	2.4		Lean (M) asymmetrical crown (M)	Remove	Private
1278	Black locust	*Robinia pseudoacacia*	27	G	G	G		6	2.4			Remove	Private
1279	Little Leaf Linden	*Tilia cordata*	17	G	G	G		5	2.4			Remove	Private
1280	Black Locust	*Robinia pseudoacacia*	15.5	F-G	F	F	30	4	2.4		Lean (L), Union at 2.2m	Remove	Private
1281	Swamp Oak	*Quercus bicolor*	22	G	G	G		6	2.4			Remove	Private
1282	Silver Maple	*Acer saccharinum*	32.5	F	G	G		8	3		Lean (M)	Remove	Private
1283	Silver Maple	*Acer saccharinum*	18,18	F	P-F	P-F	50	6	2.4		Codominant at 1m, dead leader	Remove	Private
1284	Silver Maple	*Acer saccharinum*	20	F	F	F-G		9	2.4		Lean (M), codominant at 2m	Remove	Private
1285	Silver Maple	*Acer saccharinum*	19						2.4		Dead	Remove	Private
1286	Norway Maple	*Acer platanoides*	27	G	G	G		6	2.4			Remove	Private
1287	Little Leaf Linden	*Tilia cordata*	48	G	F-G	F-G		12	3		Codominant at 3m	Remove	Private
1288	Little Leaf Linden	*Tilia cordata*	13	G	G	G		6	2.4			Remove	Private
1289	Thornless Honey Locust	*Gleditsia triacanthos inermis*	~48	G	F-G	P-F	80	10	3		Codominant at 3m, poor vigor (H)	Remove	Private
1290	Austrian Pine	*Pinus nigra*	44	G	F	F-G	20	8	3		Suppressed lower limb development	Remove	Private
1291	Norway Maple	*Acer platanoides*	40	F-G	G	G		10	3		Strangling root (M)	Remove	Private
1292	Black locust	*Robinia pseudoacacia*	14	G	G	G		9	2.4			Remove	Private
1293	Little Leaf Linden	*Tilia cordata*	17,14	F	F	F-G		6	2.4		Codominant at 0.4m, bowed (M)	Remove	Private

1294	Silver Maple	*Acer saccharinum*	39	G	F	G		6	3		Codominant at 4m	Remove	Private
1295	Siberian Elm	*Ulmus pumila*	38	G	F	G		4	3		Codominant at 1.8m	Remove	Private
1296	Siberian Elm	*Ulmus pumila*	26.5	G	G	G		3	2.4			Remove	Private
1297	Siberian Elm	*Ulmus pumila*	16,15	F-G	F-G	F-G		8	2.4		Codominant at base	Remove	Private
1298	Siberian Elm	*Ulmus pumila*	12	G	G	G		7	2.4			Remove	Private
1299	Silver Maple	*Acer saccharinum*	33.5	F-G	F-G	G		8	3		Lean (L), codominant at 4m	Remove	Private
1300	Silver Maple	*Acer saccharinum*	30	F-G	G	G		7	2.4		Lean (L)	Remove	Private
1301	Thornless Honey Locust	*Gleditsia triacanthos inermis*	46	G	F-G	P-F		12	3		Codominant at 2.2m, poor vigor (M)	Remove	Private
1302	Basswood	*Tilia americana*	50	G	F-G	G		11	3		Union at 3m	Remove	Private
1303	Silver Maple	*Acer saccharinum*	40.5	F	F	P	80	8	3		Cavity (M), lean (M)	Remove	Private
1304	Silver Maple	*Acer saccharinum*	41	F-G	F-G	G		10	3		Lean (L), Crook (L)	Remove	Private
1305	Silver Maple	*Acer saccharinum*	35	F	F	F		7	3		Lean (M), Crook (M)	Remove	Private
1306	Silver Maple	*Acer saccharinum*	21	F-G	P-F	F-G		7	2.4		Poor form (H), Crook (M), lean (M)	Remove	Private
1307	Silver Maple	*Acer saccharinum*	20.5	F	P	P	80	5	2.4		Crook (H)	Remove	Private
1308	Silver Maple	*Acer saccharinum*	46	G	F	G		10	3		Codominant at 3m, asymmetrical crown (M)	Remove	Private
1309	Silver Maple	*Acer saccharinum*	17,17	F	F	G		7	2.4		Codominant at base, lean (L)	Remove	Private
1310	Silver Maple	*Acer saccharinum*	31.5	F-G	F	G		7	3		Lean (L), bowed (L)	Remove	Private
1311	Silver Maple	*Acer saccharinum*	18,15	F	F	F-G		6	2.4		Codominant at base, lean (M)	Remove	Private
1312	Black locust	*Robinia pseudoacacia*	22,18	F	F	F-G		6	2.4		Codominant at 1m	Remove	Private
1313	Silver Maple	*Acer saccharinum*	25	G	P-F	P-F	70	9	2.4		Poor form (H), codominant at 2.5m	Remove	Private
1314	Norway Maple	*Acer platanoides*	34	G	G	G		8	3			Remove	Private
1315	Thornless Honey Locust	*Gleditsia triacanthos inermis*	44	G	F	F		15	3		Codominant at 3m, poor form (M)	Remove	Private
1316	Thornless Honey Locust	*Gleditsia triacanthos inermis*	52	G	F	F		14	3.6		Codominant at 2.5m, poor form (M), poor vigor (M)	Remove	Private
1317	Silver Maple	*Acer saccharinum*	15	F-G	F	F-G		3	2.4		Lean (L), asymmetrical crown (M)	Remove	Private
1318	Eastern Red Cedar	*Juniperus virginiana*	24.5, 10	F-G	F-G	F-G		4	2.4		Winterburn (L), Union at 1m	Remove	Private
1319	Black Walnut	*Juglans nigra*	28	G	G	G		8	2.4			Remove	Private
1320	White Pine	*Pinus strobus*	37.5	G	F	F	40	10	3		Top gone	Remove	Private
1321	Apple	*Malus spp.*	27, 16,16,12, 11	P-F	P-F	F		10	2.4		Codominant at 1m, poor form (H)	Remove	Private
1322	Black locust	*Robinia pseudoacacia*	22	P	F	F-G		7	2.4		Trunk injury (H), codominant at 2m, asymmetrical crown (M)	Remove	Private

1323	Black locust	*Robinia pseudoacacia*	20	P-F	F	F-G		5	2.4		Trunk injury (M), lean (M)	Remove	Private
1324	Black locust	*Robinia pseudoacacia*	23	F	G	G		7	2.4		Exposed roots (M)	Remove	Private
1325	Black locust	*Robinia pseudoacacia*	23	P-F	F	F		10	2.4		Trunk injury (H), exposed roots (M), poor form (M)	Remove	Private
1326	Black locust	*Robinia pseudoacacia*	21,23,22, 20	F	F	F-G		12	2.4		Codominant at base	Remove	Private
1327	Black locust	*Robinia pseudoacacia*	19	F-G	F	G		4	2.4		Asymmetrical crown (M), lean (L)	Remove	Private
1328	Black locust	*Robinia pseudoacacia*	20	G	F-G	G		5	2.4		Asymmetrical crown (L)	Remove	Private
1329	Silver Maple	*Acer saccharinum*	20, 15, 8	F	F	F		6	2.4		Codominant at base, trunk injury (H)	Retain	Private
1330	Silver Maple	*Acer saccharinum*	20,10	F	F	F		8	2.4		Codominant at 1m, bowed at base (M)	Remove	Private
1331	Silver Maple	*Acer saccharinum*	10	P-F	F	P-F	60	5	2.4		Codominant at base, dead leader (H)	Remove	Private
1332	Silver Maple	*Acer saccharinum*	15.5	G	G	G		5	2.4			Remove	Private
1333	Swamp Oak	*Quercus bicolor*	34,29	F-G	G	G		8	3		Codominant at base	Remove	Private
1334	Swamp Oak	*Quercus bicolor*	18	G	G	G		4	2.4			Remove	Private
1335	Green Ash	*Fraxinus pennsylvanica*	11	F	P-F	F		3	2.4		Codominant at base, dead leader (H)	Remove	Private
1336	Manitoba Maple	*Acer negundo*	11	F	F	F		3	2.4		Lean (M), Crook (M)	Remove	Private
1337	Ironwood	*Ostrya virginiana*	14.5	G	F-G	F-G		5	2.4		Leaf scorch (M)	Remove	Private
1338	Black locust	*Robinia pseudoacacia*	23	G	G	G		6	2.4			Remove	Private
1339	Red Oak	*Quercus rubra*	33.5	G	F-G	G		8	3		Asymmetrical crown (L)	Remove	Private
1340	Black locust	*Robinia pseudoacacia*	20,20	F	F	P-F	50	4	2.4		Codominant at base, lean (L), poor form (M)	Remove	Private
1341	Silver Maple	*Acer saccharinum*	36	F	F	F-G		6	3		Lean (M), bowed (M)	Remove	Private
1342	Thornless Honey Locust	*Gleditsia triacanthos inermis*	28	F	F-G	F-G		6	2.4		Trunk injury (M)	Remove	Private
1343	European Beech	*Fagus sylvatica*	20,20	F	F	G		6	2.4		Codominant at 1m, dead leader (M)	Remove	Private
1344	Thornless Honey Locust	*Gleditsia triacanthos inermis*	56	F-G	F-G	F	20	12	3.6		Lean (L)	Remove	Private
1345	Thornless Honey Locust	*Gleditsia triacanthos inermis*	28	G	G	G		8	2.4			Remove	Private
1346	White Pine	*Pinus strobus*	41	F-G	G	F	30	5	3		Lean (L), suppressed lower limbs	Remove	Private

1347	White Spruce	*Picea glauca*	41	G	G	F		5	3			Remove	Private
1348	Silver Maple	*Acer saccharinum*	33,32,30	F	P-F	F-G		10	3		Codominant at base, bowed (H), poor form (M)	Remove	Private
1349	Silver Maple	*Acer saccharinum*	39, 22	G	F-G	F-G		10	3		Codominant at 1.2m	Remove	Private
1350	Siberian Elm	*Ulmus pumila*	24	G	G	F-G		7	2.4		Leaf scorch (M), slime Flux (L)	Remove	Private
1351	Silver Maple	*Acer saccharinum*	24	F	F	F		6	2.4		Lean (M)	Remove	Private
1352	Silver Maple	*Acer saccharinum*	18,9	F	F	G		6	2.4		Codominant at base	Remove	Private
1353	Manitoba Maple	*Acer negundo*	25	F	F	F-G		6	2.4		Lean (M), epicormic branching (M)	Remove	Private
1354	Silver Maple	*Acer saccharinum*	23	G	G	G		6	2.4			Remove	Private
1355	Siberian Elm	*Ulmus pumila*	18.5	G	G	G		4	2.4			Remove	Private
1356	Silver Maple	*Acer saccharinum*	13	G	G	G		4	2.4			Remove	Private
1357	Silver Maple	*Acer saccharinum*	26	G	F-G	G		7	2.4		Asymmetrical crown (L)	Remove	Private
1358	Siberian Elm	*Ulmus pumila*	24	G	G	G		5	2.4			Remove	Private
1359	Black locust	*Robinia pseudoacacia*	13	G	G	G		4	2.4			Remove	Private
1360	Siberian Elm	*Ulmus pumila*	34,33	F-G	F-G	F-G		8	3			Remove	Private
1361	Silver Maple	*Acer saccharinum*	26	G	F	G		7	2.4		Union at 1.7m, bowed (M)	Remove	Private
1362	Manitoba Maple	*Acer negundo*	15	F-G	F	F-G		4	2.4		Lean (M), epicormic branching (M)	Remove	Private
1363	Silver Maple	*Acer saccharinum*	21, 25						2.4		Dead	Remove	Private
1364	Catalpa	*Catalpa speciosa*	15	G	G	G		5	2.4			Remove	Private
1365	Silver Maple	*Acer saccharinum*	32.5	F	F	F-G		8	3		Bowed (M), codominant at 3m	Remove	Private
1366	Manitoba Maple	*Acer negundo*	43.5	F	P	F		9	3		Lean (M), codominant at 3m, poor form (H), lost leader (H)	Remove	Private
1367	Silver Maple	*Acer saccharinum*	~71	G	F	F-G		12	4.8		Codominant at1.5m	Remove	Private
1368	Siberian Elm	*Ulmus pumila*	34	G	G	G		6	3			Remove	Private
1369	Silver Maple	*Acer saccharinum*	21	G	G	G		4	2.4			Remove	Private
1370	Siberian Elm	*Ulmus pumila*	14	G	F	F		3	2.4		Codominant at 1.5m	Remove	Private
1371	Siberian Elm	*Ulmus pumila*	24,16	G	F	G		8	2.4		Codominant at 1.3m	Remove	Private
1372	Siberian Elm	*Ulmus pumila*	33.5	G	G	G		12	3			Remove	Private
1373	Black Locust	*Robinia pseudoacacia*	14	G	P-F	G		3	2.4		Crook (M) , poor form (H)	Remove	Private
1374	Black locust	*Robinia pseudoacacia*	16	F	G	G		3	2.4		Lean (L)	Remove	Private
1375	Black locust	*Robinia pseudoacacia*	14	G	G	G		3	2.4			Remove	Private
1376	Siberian Elm	*Ulmus pumila*	20	G	G	G		4	2.4			Remove	Private
1377	Siberian Elm	*Ulmus pumila*	39	G	F	G		7	3		Codominant at 3m	Remove	Private
1378	Siberian Elm	*Ulmus pumila*	31	G	G	G		7	3			Remove	Private

1379	Swamp Oak	*Quercus bicolor*	17	G	G	G		4	2.4			Remove	Private
1380	Black locust	*Robinia pseudoacacia*	19	F	G	G		5	2.4		Crook (M)	Remove	Private
1381	Black locust	*Robinia pseudoacacia*	21	G	G	G		6	2.4			Remove	Private
1382	Silver Maple	*Acer saccharinum*	62	G	F	F-G		10	4.2		Codominant at 1.5m	Remove	Private
1383	Black locust	*Robinia pseudoacacia*	25,22	G	F	G		6	2.4		Codominant at 1.3m	Remove	Private
1384	Black locust	*Robinia pseudoacacia*	21	G	G	G		5	2.4			Remove	Private
1385	Manitoba Maple	*Acer negundo*	52	P	F	F		7			Uprooted	Remove	Private
1386	Swamp Oak	*Quercus bicolor*	20	G	G	G		5	2.4			Remove	Private
1387	Silver Maple	*Acer saccharinum*	36, 30, 25, 23	F	G	G		13	3		Codominant at base	Remove	Private
1388	Siberian Elm	*Ulmus pumila*	29	G	F	G		6	2.4		Union at 2m, asymmetrical crown (M)	Remove	Private
1389	Black locust	*Robinia pseudoacacia*	16,16	G	F-G	G		6	2.4		Codominant at 1.3m	Remove	Private
1390	Black Walnut	*Juglans nigra*	16	G	G	G		6	2.4			Remove	Private
1391	Black Walnut	*Juglans nigra*	35	G	G	G		6	3			Remove	Private
1392	Back locust	*Robinia pseudoacacia*	18	G	E	G		4	2.4			Remove	Private
1393	White Elm	*Ulmus americana*	45	G	F-G	F		12	3		Chlorotic (M), poor vigor (M), codominant at 2m	Remove	Private
A	Siberian Elm	*Ulmus pumila*	~35	G	F	F-G		9	3		Codominant at 2.5m	Remove	Private
O	Yew	*Taxus spp.*	5-10	F	F	G		7	2.4		Codominant at base	Remove	Private
P	Silver Maple	*Acer saccharinum*	~60	F	P-F	G		8	3.6		Codominant at 1.5m, lost leader (H)	Remove	Private
Q	White Elm	*Ulmus americana*	~18	G	G	G		4	2.4			Remove	Private
R	White Elm	*Ulmus americana*	~15	G	G	G		4	2.4			Remove	Neigbour
S	Pear	*Pyrus spp.*	~13	G	G	G		3	2.4			Remove	Private
T	Swamp Oak	*Quercus bicolor*	~15	G	G	G		5	2.4			Remove	Private
W	White Elm	*Ulmus americana*	~18	G	G	G		4	2.4			Remove	Private
X	Thornless Honey Locust	*Gleditsia triacanthos inermis*	~15	G	G	G		4	2.4			Remove	Private
Y	Bur Oak	*Quercus macrocarpa*	~90	G	G	G		16	5.4			Retain	Neigbour
Z	Bur Oak	*Quercus macrocarpa*	~100	G	G	G		20	6			Retain	Neigbour

AA	White Elm	*Ulmus americana*	~23	G	G	G		8	1.8			Retain	Neigbour
BB	Willow species	*Salix spp.*	~97	F	F	G-F		16	6		Previously tagged 753, codominant at 3m, poor form (M)	Retain	Neigbour
CC	White Elm	*Ulmus americana*	31	G	G	G		8	2.4			Retain	Neigbour
DD	Willow species	*Salix spp.*	~120, 40	F	F	G-F		16	7.2		Codominant at 1.2m, previously tagged 754	Retain	Neigbour
EE	White Elm	*Ulmus americana*	15	G	G	G		6	1.8			Retain	Neigbour
FF	Willow species	*Salix spp.*	~65,40	F-P	F-P	F		12	4.2		Codominant at base, lost leader (H)	Retain	Private
P1	Willow, Eastern Cotto	*Salix spp., Populus deltoides*	5-15	F-G	F-G	F-G		6	2.4		12 trees, 10 less than 15, 2 between 15-24cm.	Retain	Private
P3	Black Locust, Silver Maple, Sweet Cherry	*Robinia pseudoacacia, Acer saccharinum, Prunus avium*	5-18	G	F	G		4	2.4		9 trees, average DBH 10cm. One tree between 15-24cm. All others under 15cm	Remove	Private
P4	Black Locust	*Robinia pseudoacacia*	10-20	F	F	F-G		4	2.4		7 trees, average DBH 12cm. One tree between 15-24cm. All others less than 15cm	Remove	Private
P5	Black Walnut, Pear, White Elm	*Juglans nigra, Pyrus spp., Ulmus americana*	5-16	G	G	G		3	2.4		17 trees, average DBH 8cm. Three trees between 15-24cm. All others less than 10	Remove Section	Private

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	*(%)*
CW	Crown Width	*(m)*
mTPZ	Minimum Tree Preservation Zone	*(m)*
Comp.	Compensation	
~ = estimate; (VL) = very light; (L) = light; (M) = moderate; (H) = heavy		

Appendix A. Photographs of Trees

Image 4. Woodland along east property limit (looking north).

Image 5. Woodland along south property limit (looking east).

Image 6. Gravel driveway of 3275 Trafalgar Road (looking east).

Image 7. Existing 1-storey house on 3275 Trafalgar Road (looking east)

Image 8. 3275 Trafalgar Road (looking south towards Trafalgar Road).

Appendix B. Appraised Value of City-owned Trees

Location: 3275-3301 Trafalgar Road, Oakville

Tree #	Common Name	Scientific Name	DBH	OC	*Appraised Trunk Area*	*Unit Tree Cost (RPAC)*	*Basic Tree Cost*	Depreciation			***Appraised Value***	***Rounded / Final Value***
								Condition Rating	Functional Limitation Rating	External Limitation Rating		
					(cm^2)		*$*	%	%	%	***$***	***$***
1116	Black Locust	*Robinia pseudoacacia*	39	F	*1194*	*$8.22*	*$9,815*	0.60	0.50	0.70	*$2,061*	***$2,060***
1194	Black Locust	*Robinia pseudoacacia*	19.5	F	*298*	*$8.22*	*$2,454*	0.50	0.50	0.70	*$429*	***$744***
											Total	**$2,804**

Codes		
DBH	Diameter at Breast Height	(cm)
OC	Overall Condition	(G, F, P)