

DISCUSSION

The following sections of the report discuss amendments that are being recommended to the Tree Protection Bylaw.

General Amendments

Part 1 - Definitions

- **"D.B.H." – Multi-Stemmed Trees**

The Tree Protection Bylaw currently includes every stem in detailing the size of the tree, thus, even shrubs could be considered trees. The definition of "D.B.H." is as follows:

"D.B.H."

means the diameter of a tree at roughly breast height or 1.4 metres [4.6 feet] above the highest point of the natural grade of the ground measured from the base of a tree. For multi-stemmed trees, each stem shall be measured 1.4 metres [4.6 feet] above the highest point of the natural grade and the D.B.H. of the tree shall equal the cumulative total of the D.B.H. of all stems.

It is recommended that the definition of "D.B.H.", be amended to reduce the number of stems that are counted in relation to measuring the diameter of a tree to the three largest stems (see Appendix I).

Part 2 – Application and Exemptions

- **Specifically Exempt Other Governments from the Bylaw**

The Tree Protection Bylaw currently exempts the City and its authorized agents from its provisions. Section 5 currently reads as follows:

5. *This Bylaw does not apply to trees on City-owned property or highways that are cut or removed by the City or its authorized agents in accordance with approved City operations.*

To clarify and reflect current practice, it is recommended that a Section, as documented in Appendix I, be added to exempt other governments and their authorized agents from the Bylaw. This is consistent with legislation.

Part 3- Prohibitions

- **Allowing Tree Companies to Provide Arborist Reports on Trees Proposed for Removal**

The Tree Protection Bylaw currently requires a report from an arborist independent from any tree company that provides tree removal services, which results in extra costs to an applicant. Section 9 currently reads as follows:

9. *An arborist or arboricultural firm that declared a tree to be hazardous under Part 7, Section 29(a), or any arborist or arboricultural firm that submitted any report to the*

City as a requirement of this Bylaw, cannot also cut, remove or damage that same tree that the arborist or firm assessed.

It is recommended that the requirement for an independent arborist report be eliminated. All permit applications are currently reviewed by staff and this aspect will be included in the review process. Eliminating the requirement for an independent arborist report could result in significant savings to the applicant, many of whom have found the costs associated with dealing with trees onerous. The amendment proposed in Appendix I, stipulates that an arborist report will only be accepted by the City within two years of the date of issuance of the arborist report.

Part 7 – Tree Cutting Permits

- **Trees in Close Proximity to Building Foundations**

The Tree Protection Bylaw currently allows removal of trees growing within two metres of a building foundation wall. Section 29(d) currently reads as follows:

29. Subject to Part 7, Section 35, a tree cutting permit to cut or remove a protected tree, other than a significant tree, may be issued by the General Manager only in the following circumstances:

(d) where the tree is situated within two (2) metres of an existing building foundation wall permitted pursuant to the Zoning Bylaw, or where a building permitted under the Zoning Bylaw is proposed and the building shape cannot be modified to accommodate the tree without causing the owner undue hardship as determined by the General Manager;

To provide greater flexibility for homeowners, it is recommended that the two metre distance be retained for trees with a mature height of eight metres or less and that a three metre distance be added for trees with a mature height of more than eight metres (see Appendix I). This represents reasonable practice from an arboricultural perspective.

Part 8 – Permit Fees and Securities

- **Release of Tree Bond**

Section 46 of the Tree Protection Bylaw currently provides that security for trees proposed to be retained as a requirement of a subdivision application, development permit, development variance permit, building permit or demolition permit be held by the City for a period of two years after final building approval to ensure that the trees are properly protected and maintained in accordance with the Bylaw and the tree cutting permit.

As an inducement to developers and builders to protect trees during construction, it is recommended that this Section be amended, as documented in Appendix I, to allow the early release of the security, provided that no tree infractions have occurred. It is anticipated that this will also assist in preventing situations where double bonding of the same tree currently occurs due to the location of the tree relative to development in its proximity.

Part 9 – Replacement Trees

- **Replacement Planting Locations**

Currently, the Tree Protection Bylaw does not specify minimum clearances to existing site features for newly planted replacement trees. Planting the "right tree" in the "right place" will allow trees to grow without the need to remove them in the future, due to encroachment of trees into buildings or across property lines. A section is proposed to be added to the Bylaw, as documented in Appendix I, to reflect reasonable practice in this regard.

Housekeeping Amendments

In addition to the more significant amendments noted above, several minor housekeeping amendments, as documented in Appendix I, are also required. These include additions to *Part 1 - Definitions*, as well as other amendments to rectify inadvertent errors and omissions in drafting of and/or subsequent revisions to the Tree Protection Bylaw. *Schedule "B" – Significant Trees* has also been updated to more accurately reflect the current inventory.

Legal Services has reviewed the amendments recommended in this report and has no concerns.

CONCLUSION

Based on the above discussion, it is recommended that Council:

- approve amendments to the Tree Protection Bylaw, as documented in Appendix 1 to this report; and
- authorize the City Clerk to bring forward the related amendment by-law for the required readings by Council.

Original signed by
Jean Lamontagne
General Manager,
Planning and Development

**Proposed Amendments to
Surrey Tree Protection Bylaw, 2006, No. 16100**

The following amendments are proposed to Surrey Tree Protection Bylaw, 2006, No. 16100, as amended:

General Amendments

Part 1 - Definitions

1. Delete Section 2.(b) from the definition of "arborist" and replace it with the following:
 - (b) is certified as a tree risk assessor by the Pacific Northwest Chapter of the International Society of Arboriculture.

2. Add a new definition of "arborist report" to Section 2 immediately after the definition of "arborist", as follows:

"arborist report"

means a technical report prepared by an arborist which:

- (a) identifies information relevant to the purpose for which the report is to be submitted to the City including, but not limited to, surveyed location, species, size and condition of the subject tree or trees;
 - (b) provides the reasons for any proposed removal of a tree or trees;
 - (c) describes the recommended tree protection and mitigation measures; and
 - (d) includes a tree replacement strategy.
3. Delete the definition of "damage" in Section 2 in its entirety and replace it with the following:

"damage"

means any action which will cause a tree to die or to decline, including, but not limited to, ringing, poisoning, burning, topping, excessive pruning, excessive crown lifting, or pruning in a manner not in accordance with "American National Standards Institute Publication A300-1995" and the companion publication "Best Management Practices – Tree Pruning, 2002". Topping will not fall within this definition of "**damage**" if evidence satisfactory to the General Manager is provided to the City to establish that the tree in question has been previously topped. "**Damaged**" and "**damaging**" shall have the corresponding meaning.

4. Delete the last sentence of the definition of "D.B.H." in Section 2 and replace it with the following:

For multi-stemmed trees, the three (3) largest stems shall be measured 1.4 metres [4.6 feet] above the highest point of the natural grade and the D.B.H. of the tree shall equal the cumulative total of the D.B.H. of the three (3) largest stems.

5. Add a new definition of "Environmental Technician" to Section 2 immediately after the definition of "engineer", as follows:

"Environmental Technician"

means a person employed by the City and designated by the General Manager as a City environmental technician.

6. Add a new definition of "hazardous" to Section 2 immediately after the definition of "General Manager", as follows:

"hazardous"

in relation to a tree, means a tree that, in the opinion of an arborist, is in imminent danger of falling and injuring a person, or persons, or property.

7. Delete the definition of "Landscape Technician" from Section 2.

Part 2 – Application and Exemptions

8. Add a new Section 5.1 immediately after Section 5, as follows:

5.1 This Bylaw does not apply to trees on property owned by either the Government of Canada, the Province, or Metro Vancouver that are cut or removed by that entity or its authorized agents.

Part 3- Prohibitions

9. Delete Section 9 in its entirety and replace it with the following:

9. For the purposes of this Bylaw, an arborist report will only be accepted by the City within two (2) years of the date of issuance of the arborist report.

Part 7 – Tree Cutting Permits

10. Delete Section 29.(d) in its entirety and replace it with the following:

(d) where:

(i) the tree has a mature height of eight (8) metres or less, situated within two (2) metres of an existing building foundation wall permitted pursuant to the Zoning By-law; or

- (ii) the tree has a mature height of more than eight (8) metres situated within three (3) metres of an existing building foundation wall permitted pursuant to the Zoning By-law; or
- (iii) a building permitted by the Zoning By-law is proposed and the building shape cannot be modified to accommodate the tree without causing the owner undue hardship as determined by the General Manager.

Part 8 – Permit Fees and Securities

- 11. In Section 46.(d), delete the words "to be held by the City for a period of two (2) years after final building approval to ensure that the trees are properly protected and maintained in accordance with this Bylaw and the tree cutting permit".
- 12. Add a new Section 46.1 immediately after Section 46, as follows:
 - 46.1 The security provided to the City under Section 46 will be held by the City until final building approval has been issued to ensure that the retained trees are properly protected and maintained in accordance with this Bylaw and the tree cutting permit. If an Environmental Technician determines prior to the refund of the security that any of the retained trees have been damaged during construction then the security will be held by the City for a period of two (2) years after the final building approval has been issued to ensure that the retained trees are properly protected and maintained in accordance with this Bylaw and the tree cutting permit.

Part 9 – Replacement Trees

- 13. Add a new Section 53.1 immediately after Section 53, as follows:
 - 53.1 Replacement trees shall not be planted:
 - (a) in the case of trees having a mature height of eight (8) metres or less, within two (2) metres of a building foundation wall; or
 - (b) in the case of trees having a mature height of greater than eight (8) metres, within three (3) metres of a building foundation wall; and
 - (c) within one (1) metre of any property line of a lot.

Housekeeping Amendments

- 14. Capitalize the word "the" at the beginning of the second sentence in Section 26.
- 15. Delete the words "a report" from Section 29.(a) and replace them with the words "an arborist report".
- 16. Delete the words "a report by a landscape architect or an arborist," from Section 30 and replace them with the words "an arborist report".

17. Delete the words "a report by an arborist," from Section 31 and replace them with the words "an arborist report".
18. Capitalize each word of the phrase "city landscape architect" in Section 31.
19. Delete the words "arborist's report" from Section 32.(a) and Section 34 and replace them with the words "arborist report".
20. Delete the words "the report of an arborist that has submitted a report" from Section 34 and replace them with the words "an arborist report submitted".
21. Delete the words "Landscape Technician" from Section 34, Section 64 and Section 70 and replace them with the words "Environmental Technician".
22. Place a period after the words "demolition permit" in Section 46.(d) and delete the remainder of the sentence.
23. Delete the words "or landscape architect" from Section 57.
24. Delete the words "Landscape Architect" from Section 70.(b) wherever they appear and replace them with the words "landscape architect".
25. Delete Schedule "B", replace it with the attached Schedule "B" and renumber the pages in Schedule "B1" accordingly.
26. Delete the words "A report prepared by an International Society of Arborists (I.S.A.) accredited arborist" from Schedule "C", near the top of Page C2, and replace them with the words "An arborist report (as defined in Surrey Tree Protection Bylaw, 2006 No. 16100)".
27. Delete the words "A report prepared by an I.S.A. accredited arborist" from Schedule "C", at the top of Page C3, and replace them with the words "An arborist report (as defined in Surrey Tree Protection Bylaw, 2006 No. 16100)".
28. Delete Schedule "F" and replace it with the attached Schedule "F".

SCHEDULE "B"
SIGNIFICANT TREES

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
1.	English Oak	King George Blvd - 1984	City of Surrey	
2.	English Oak	King George Blvd - 1985	City of Surrey	
3.	English Oak	King George Blvd - 2009	City of Surrey	
4.	English Oak	King George Blvd - 2015	City of Surrey	
5.	English Oak	King George Blvd - 2023	City of Surrey	
6.	English Oak	King George Blvd - 2050	City of Surrey	
7.	English Oak	King George Blvd - 2078	City of Surrey	
8.	English Oak	King George Blvd - 2120	City of Surrey	
9.	English Oak	King George Blvd - 2121	City of Surrey	
10.	English Oak	King George Blvd - 2130	City of Surrey	
11.	English Oak	King George Blvd - 2140	City of Surrey	
12.	English Oak	King George Blvd - 2150	City of Surrey	
13.	English Oak	King George Blvd - 2155	City of Surrey	
14.	English Oak	King George Blvd - 2195	City of Surrey	
15.	English Oak	King George Blvd - 2227	City of Surrey	
16.	English Oak	King George Blvd - 2511	City of Surrey	
17.	English Oak	King George Blvd - 2525	City of Surrey	
18.	English Oak	King George Blvd - 2567	City of Surrey	
19.	English Oak	King George Blvd - 2601	City of Surrey	
20.	English Oak	King George Blvd - 2619	City of Surrey	
21.	English Oak	King George Blvd - 2620	City of Surrey	
22.	English Oak	King George Blvd - 2646	City of Surrey	
23.	English Oak	King George Blvd - 2812	City of Surrey	
24.	English Oak	King George Blvd - 2825	City of Surrey	
25.	English Oak	King George Blvd - 2845	City of Surrey	
26.	English Oak	King George Blvd - 2855	City of Surrey	
27.	English Oak	King George Blvd - 2875	City of Surrey	
28.	English Oak	King George Blvd - 2885	City of Surrey	
29.	English Oak	King George Blvd - 2925	City of Surrey	
30.	English Oak	King George Blvd - 2952	City of Surrey	
31.	English Oak	King George Blvd - 2958	City of Surrey	
32.	English Oak	King George Blvd - 2962	City of Surrey	
33.	English Oak	King George Blvd - 2970	City of Surrey	
34.	English Oak	King George Blvd - 2986	City of Surrey	
35.	English Oak	King George Blvd - 3061	City of Surrey	
36.	English Oak	King George Blvd - 3155	City of Surrey	
37.	English Oak	King George Blvd - 3189	City of Surrey	
38.	English Oak	King George Blvd - 3237	City of Surrey	

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
39.	English Oak	King George Blvd - 3247	City of Surrey	
40.	English Oak	King George Blvd - 3269	City of Surrey	
41.	English Oak	King George Blvd - 3329	City of Surrey	
42.	English Oak	King George Blvd - 3331	City of Surrey	
43.	Various	Cloverdale Library 17671 - 56 Avenue	City of Surrey	
44.	Various	St. Helen's Church 10787-128 Street	Synod of the Diocese of New Westminster	
45.	Various	Christ Church and Cemetery 16631 Old McLellan Road	Synod of the Diocese of New Westminster	
46.	Various	Elgin Hall 14250 Crescent Road	City of Surrey	
47.	Various	Elgin Centre 3530-144 Street	City of Surrey	
48.	Various	Pillath Hall/ House 11113-148 Street	City of Surrey	
49.	Various	Crescent Road, which land was designated as a heritage area and is more particularly described in Section 2 of "Surrey Municipal Heritage Site Designation Bylaw, 1983, No. 7716"	City of Surrey	
50.	Various	Steward House/Ward's Marina 13723 Crescent Road	City of Surrey	
51.	Red Cedar Stump	8920 Queen Mary Boulevard	City of Surrey	
52.	Various	Old Anniedale School 9744-176 Street	Surrey School District No. 36	
53.	Royal Oak Tree	16613 Old McLellan Road	City of Surrey	
54.	Douglas Fir	Avenue of Trees 16613 Old McLellan Road	City of Surrey	
55.	Various	5418-184 Street Robert Dougal MacKenzie House	Private	12
56.	English Oak	King George Blvd - 3333	City of Surrey	
57.	English Oak	King George Blvd - 3387	City of Surrey	
58.	English Oak	King George Blvd - 3389	City of Surrey	
59.	English Oak	King George Blvd - 3391	City of Surrey	
60.	English Oak	King George Blvd - 3393	City of Surrey	
61.	English Oak	King George Blvd - 3395	City of Surrey	
68.	English Oak	King George Blvd - 1187	City of Surrey	
69.	English Oak	King George Blvd - 1195	City of Surrey	
70.	English Oak	King George Blvd - 1201	City of Surrey	

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
71.	English Oak	King George Blvd - 1210	City of Surrey	
72.	English Oak	King George Blvd - 1211	City of Surrey	
73.	English Oak	King George Blvd - 1221	City of Surrey	
74.	English Oak	King George Blvd - 1231	City of Surrey	
75.	English Oak	King George Blvd - 1250	City of Surrey	
76.	English Oak	King George Blvd - 1251	City of Surrey	
77.	English Oak	King George Blvd - 1255	City of Surrey	
78.	English Oak	King George Blvd - 1259	City of Surrey	
79.	English Oak	King George Blvd - 1265	City of Surrey	
80.	English Oak	King George Blvd - 1269	City of Surrey	
81.	English Oak	King George Blvd - 1272	City of Surrey	
82.	English Oak	King George Blvd - 1275	City of Surrey	
83.	English Oak	King George Blvd - 1276	City of Surrey	
84.	English Oak	King George Blvd - 1279	City of Surrey	
85.	English Oak	King George Blvd - 1280	City of Surrey	
86.	English Oak	King George Blvd - 1284	City of Surrey	
87.	English Oak	King George Blvd - 1288	City of Surrey	
88.	English Oak	King George Blvd - 1289	City of Surrey	
89.	English Oak	King George Blvd - 1292	City of Surrey	
90.	English Oak	King George Blvd - 1293	City of Surrey	
91.	English Oak	King George Blvd - 1296	City of Surrey	
92.	English Oak	King George Blvd - 1299	City of Surrey	
93.	English Oak	King George Blvd - 1300	City of Surrey	
94.	Douglas Fir	5804 Kilkee Drive (Kilkee Park)	City of Surrey	2
95.	Butternut/White Walnut	6272-152 Street (Sullivan Park)	City of Surrey	1
96.	Douglas Fir	15100-22 Avenue	City of Surrey	3
97.	Canadian/Japanese Walnut Cross	1660-168 Street (Darts Hill)	City of Surrey	4
98.	Madrona	12101 Sullivan Street	Private	17
99.	Douglas Fir	1990-134 Street	Private	16
100.	Douglas Fir	9016-164 Street	Private	5
101.	Douglas Fir	19587-0 Avenue	Private	6
102.	Weeping Willow	2865 - 164 Street	Private	15
103.	Sitka Spruce	13398-Vine Maple Drive	Private	7
104.	English Oak	9353-160 Street	City of Surrey	8
105.	Scotch Elm	4100 - 152 Street	Private	Group 10
106.	Nordmann Fir	1660-168 Street (Darts Hill)	City of Surrey	Group 1
107.	Spanish Fir	1660-168 Street (Darts Hill)	City of Surrey	Group 1
108.	Incense Cedar (3 Trees)	1660-168 Street (Darts Hill)	City of Surrey	Group 1

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
109.	Corkscrew Hazel	1660-168 Street (Darts Hill)	City of Surrey	Group 1
110.	Sekkan Sugi Japanese Cedar	1660-168 Street (Darts Hill)	City of Surrey	Group 1
111.	Sweet Chestnut	1660-168 Street (Darts Hill)	City of Surrey	Group 1
112.	White Mulberry	1660-168 Street (Darts Hill)	City of Surrey	Group 1
113.	Bigleaf Magnolia	1660-168 Street (Darts Hill)	City of Surrey	Group 1
114.	Medlar	1660-168 Street (Darts Hill)	City of Surrey	Group 1
115.	Antarctic Beech	1660-168 Street (Darts Hill)	City of Surrey	Group 1
116.	Ironwood	1660-168 Street (Darts Hill)	City of Surrey	Group 1
117.	Empress Tree	1660-168 Street (Darts Hill)	City of Surrey	Group 1
118.	Oriental Spruce	1660-168 Street (Darts Hill)	City of Surrey	Group 1
119.	Chinese Elm	1660-168 Street (Darts Hill)	City of Surrey	Group 1
120.	Variiegated Hiba Arborv.	1660-168 Street (Darts Hill)	City of Surrey	Group 1
121.	California Bay Tree	1660-168 Street (Darts Hill)	City of Surrey	Group 1
122.	China Fir	1660-168 Street (Darts Hill)	City of Surrey	Group 1
123.	Weep. Giant Sequoia	1660-168 Street (Darts Hill)	City of Surrey	Group 1
124.	Western Red Cedar	10648-127 Street	City of Surrey	
125.	Douglas Fir	19016- 96 Avenue (St. Oswalds)	City of Surrey	Group 2
126.	Douglas Fir	19016-96 Avenue (St. Oswalds)	City of Surrey	Group 2
127.	Douglas Fir	19016-96 Avenue (St. Oswalds)	City of Surrey	Group 2
128.	Douglas Fir	19016-96 Avenue (St. Oswalds)	City of Surrey	Group 2
129.	English Oak	19016-96 Avenue (St. Oswalds Church	City of Surrey	31
130.	Western Red Cedar	19587-0 Avenue	Private	9
131.	European Beech	Peace Arch Park	Province of BC	Group 3
132.	Western White Pine	Peace Arch Park	Province of BC	Group 3
134.	Red Japanese Maple	Peace Arch Park	Province of BC	Group 3
135.	Atlas Cedar	Peace Arch Park	Province of BC	Group 3
136.	Crimson King Maple	Peace Arch Park	Province of BC	Group 3
137.	Maidenhair Tree	Peace Arch Park	Province of BC	Group 3

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
138.	Lawson's Cypress	Peace Arch Park	Province of BC	Group 3
139.	Horse Chestnut (15 Trees)	17857-56 Avenue (Cloverdale Elementary)	Surrey School District No. 36	Group 4
140.	Incense Cedar	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
141.	Sweet Chestnut	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
142.	Golden Lawson's Cypress	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
143.	English Walnut	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
144.	Dawn Redwood	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
145.	Red Oak	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
146.	Giant Sequoia	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
147.	Hiba Arborvitae (2 trees)	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
148.	Siberian Elm	17900-20 Avenue (Redwood Park)	City of Surrey	Group 5
149.	Golden Locust	14239 Melrose	Private	
150.	English Oak Grove	140 Street and 96 Avenue (Green Timbers)	City of Surrey	Group 6
151.	Douglas Fir	5480-184A Street	City of Surrey	21
152.	Oriental Plane	4117-152 Street	Private	10
153.	Western Red Cedar	NE Corner of 184 Street and 16 Avenue	Private	13
155.	English Oak	16671 Old McLellan Road	City of Surrey	19
156.	Western Red Cedar	168 Street and 50 Avenue (Mound Farm)	City of Surrey	Group 7
157.	Western Red Cedar	168 Street and 50 Avenue (Mound Farm)	City of Surrey	Group 7
158.	Douglas Fir	168 Street and 50 Avenue (Mound Farm)	City of Surrey	Group 7
159.	Douglas Fir	168 Street and 50 Avenue (Mound Farm)	City of Surrey	Group 7
160.	Douglas Fir	168 Street and 50 Avenue (Mound Farm)	City of Surrey	Group 7
161.	Weep. Norway Spruce	561-172 Street (The Glades)	City of Surrey	Group 8

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
162.	Kobus Magnolia	561-172 Street (The Glades)	City of Surrey	Group 8
163.	Dove Tree	561-172 Street (The Glades)	City of Surrey	Group 8
164.	Dawn Redwood	561-172 Street (The Glades)	City of Surrey	Group 8
166.	California Bay St	561-172 Street (The Glades)	City of Surrey	Group 8
167.	Mirbeck's Oak	561-172 Street (The Glades)	City of Surrey	Group 8
169.	Western Red Cedar	561-172 Street (The Glades)	City of Surrey	Group 8
170.	Various - Arboretum	9800-140 Street (Green Timbers)	City of Surrey	Group 9
171.	English Oak	13997-90 Avenue (on 140 Street)	Private	11
172.	Butternut	6091-181A Street	City of Surrey	28
174.	Sitka Spruce	Tynehead Regional Park	GVRD	
175.	Sitka Spruce	Tynehead Regional Park	GVRD	
176.	Common Apple	18029 Highway 10	Private	
177.	Horse Chestnut	18029 Highway 10	Private	
178.	English Walnut	18029 Highway 10	Private	
179.	English Walnut	18029 Highway 10	Private	
180.	Black Walnut	18029 Highway 10	Private	
181.	Black Walnut	18029 Highway 10	Private	
182.	Walnut	7572 – 146 Street	Private	18
183.	Douglas Fir	18 Avenue and 136 Street (Bell Park)	City of Surrey	Group 11
184.	Douglas Fir	18 Avenue and 136 Street (Bell Park)	City of Surrey	Group 11
185.	Coulter Pine	12649-25 Avenue	Private	
186.	English Oak	13722-56 Avenue	Private	
187.	Douglas Fir	13600-55A Avenue	City of Surrey	29
188.	Tulip Tree	12976-Old Yale Road	City of Surrey	20
189.	English Walnut	19251-76 Avenue	Private	23
190.	Beech	12691-14 Avenue	Private	
191.	Dead Douglas Fir	South Side of Highway #1 East of 176 Street	Province of B.C.	
192.	English Walnut	7572-146 Street	City of Surrey	
193.	Douglas Fir	14158 Hyland Road	City of Surrey	24
194.	Bigleaf Maple	19184-16 Avenue	City of Surrey	25

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
195.	Brewer's Weeping Spruce	12731 Becket Road	Private	26
196.	Purple Beech	13275 Colebrook Road	City of Surrey	Group 12
197.	Purple Beech	13275 Colebrook Road	City of Surrey	Group 12
198.	Purple Beech	13275 Colebrook Road	City of Surrey	Group 12
199.	Weeping Linden	13275 Colebrook Road	City of Surrey	Group 12
200.	English Oak	13275 Colebrook Road	City of Surrey	Group 12
201.	Rock Tree	12237 – 91A Avenue	Private	
202.	All trees on Semiahmoo Trail	Various lots (see Schedule B1 for details)	City of Surrey	
203.	Common Beech	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
204.	Common Beech	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
205.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
206.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
207.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
208.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
209.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
210.	Hedge Maple	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
211.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
212.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
213.	Hedge Maple	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
214.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
215.	Hedge Maple	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
216.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
217.	Hedge Maple	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
218.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
219.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
220.	Hedge Maple	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
221.	Common Beech	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
222.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
223.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
224.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
225.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
226.	Common Beech	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
227.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
228.	Common Beech	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
229.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
230.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
231.	Common Beech	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
232.	English Oak	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
233.	Sitka Spruce	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
234.	Sitka Spruce	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
235.	Douglas Fir	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
236.	Douglas Fir	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
237.	Douglas Fir	19340–88 Avenue (Port Kells Park)	City of Surrey	Group 14
238.	Douglas Fir	18918–88 Avenue (Port Kells Community Hall)	City of Surrey	Group 15
239.	Douglas Fir	18918–88 Avenue (Port Kells Community Hall)	City of Surrey	Group 15

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
240.	Douglas Fir	18918–88 Avenue (Port Kells Community Hall)	City of Surrey	Group 15
241.	Douglas Fir	18918–88 Avenue (Port Kells Community Hall)	City of Surrey	Group 15
242.	Douglas Fir	18918–88 Avenue (Port Kells Community Hall)	City of Surrey	Group 15
243.	Douglas Fir	18809-88 Avenue (Port Kells Library)	City of Surrey	30
244.	Douglas Fir	19076-88 Avenue (Port Kells Elementary School)	Surrey School District No. 36	Group 16
245.	Douglas Fir	19076-88 Avenue (Port Kells Elementary School)	Surrey School District No. 36	Group 16
246.	Douglas Fir	19076-88 Avenue (Port Kells Elementary School)	Surrey School District No. 36	Group 16
247.	Sugar Maple (12 trees)	8261–188 Street	City of Surrey	Group 17
248.	Copperleaf European Beech	12973 – 56 Avenue	Private	33
249.	Douglas Fir	8850 Harvie Road	Private	Group 18
250.	Douglas Fir	8850 Harvie Road	Private	Group 18
251.	White Ash	18385 – 80 Avenue	Private	34
252.	English Oak	9012 – 160 Street	City of Surrey	32
253.	Sugar Maples (2 Trees)	8495 – 144 Street	City of Surrey	Group 13
254.	Silver maple	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
255.	Norway Maple	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
256.	Hedge Maple	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
257.	Whitebeam Mountain Ash	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
258.	Weeping American Elm	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
259.	Thornless Honeylocust	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
260.	Sawara False Cypress	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
261.	European Beech	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
262.	Weeping cut-leaf Birch	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
263.	European Mountain Ash	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
264.	Dawn Redwood	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
265.	Golden Atlas Cedar	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
266.	Sawara False Cypress	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
267.	Weeping White Mulberry	Surrey Nature Centre at Green Timbers	City of Surrey	Group 9
268.	American Elm	Green Timbers Way	Province of BC	Group 9
269.	Northern Red Oak	Green Timbers Way	Province of BC	Group 9
270.	White Hawthorn	Green Timbers Way	Province of BC	Group 9
271.	Common Horse Chestnut	Green Timbers Way	Province of BC	Group 9
272.	Northern Red Oak	Green Timbers Way	Province of BC	Group 9
273.	Black Locust	Green Timbers Way	Province of BC	Group 9
274.	Western Catalpa	Green Timbers Way	Province of BC	Group 9
275.	Red Maple	Green Timbers Way	Province of BC	Group 9
276.	Purple Leaf English Oak	Green Timbers Way	Province of BC	Group 9
277.	Northern Red Oak	Green Timbers Way	Province of BC	Group 9
278.	Northern Red Oak	Green Timbers Way	Province of BC	Group 9
279.	Northern Red Oak	Green Timbers Way	Province of BC	Group 9
280.	Tulip Poplar	Green Timbers Way	Province of BC	Group 9
281.	Norway Maple	Green Timbers Way	Province of BC	Group 9
282.	Black Locust	Green Timbers Way	Province of BC	Group 9
283.	Atlas cedar	Green Timbers Block H	Province of BC	Group 9
284.	Deodar Cedar	Green Timbers Block H	Province of BC	Group 9
285.	Colorado Blue Spruce	Green Timbers Block H	Province of BC	Group 9
286.	Weeping Giant Sequoia	Green Timbers Block H	Province of BC	Group 9
287.	Sugar Maple	Green Timbers RCMP E Division	Federal	Group 9
288.	European Ash	Green Timbers RCMP E Division	Federal	Group 9
289.	Sugar Maple	Green Timbers RCMP E Division	Federal	Group 9
290.	European Ash	Green Timbers RCMP E Division	Federal	Group 9

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
291.	American elm	Green Timbers RCMP E Division	Federal	Group 9
292.	Red Maple	Green Timbers RCMP E Division	Federal	Group 9
293.	London Plane	Green Timbers RCMP E Division	Federal	Group 9
294.	Sugar Maple	Green Timbers RCMP E Division	Federal	Group 9
295.	Weeping Willow	8375 - 168 Street	City of Surrey	
296.	American Elm	8135 - 132 Street	City of Surrey	
297.	White Spruce	Elgin Heritage Park, 13723 Crescent Rd.	City of Surrey	
298.	Western Red Cedar	Royal Kwantlen Park, 13079 - 104 Avenue	City of Surrey	
299.	Giant Sequoia	Enver Creek Park, 8170 - 146 Street	City of Surrey	
300.	Yellow Buckeye	Sullivan Park, 6272 - 152 Street	City of Surrey	
301.	Giant Sequoia	Larond Park, 1806 - 130 Street	City of Surrey	
302.	Douglas-fir	Cloverdale Athletic Park	City of Surrey	
303.	Lavalle hawthorn	19083-68B Avenue	City of Surrey	
304.	Coskspur Thorn	Green Timbers Nature Centre	City of Surrey	
305.	Dawn Redwood	Hjorth Road Park	City of Surrey	
306.	Giant Sequoia	Unwin Park, 13313 68 Ave	City of Surrey	
307.	Jeffrey pine	Hillcrest- maple leaf day 2008	City of Surrey	
308.	Western Red Cedar	13124 – 14A Avenue	Private	35
309.	English Oak	King George Blvd - 2200	City of Surrey	
310.	English Oak	King George Blvd - 2202	City of Surrey	
311.	English Oak	King George Blvd - 2204	City of Surrey	
312.	English Oak	King George Blvd - 2206	City of Surrey	
313.	English Oak	King George Blvd - 2208	City of Surrey	
314.	English Oak	King George Blvd - 2225	City of Surrey	
315.	English Oak	King George Blvd - 2227	City of Surrey	
316.	English Oak	King George Blvd - 2251	City of Surrey	
317.	English Oak	King George Blvd - 2255	City of Surrey	
318.	English Oak	King George Blvd - 2281	City of Surrey	
319.	English Oak	King George Blvd - 2293	City of Surrey	
320.	English Oak	King George Blvd - 2297	City of Surrey	
321.	English Oak	King George Blvd - 2300	City of Surrey	
322.	English Oak	King George Blvd - 2301	City of Surrey	
323.	English Oak	King George Blvd - 2302	City of Surrey	
324.	English Oak	King George Blvd - 2304	City of Surrey	

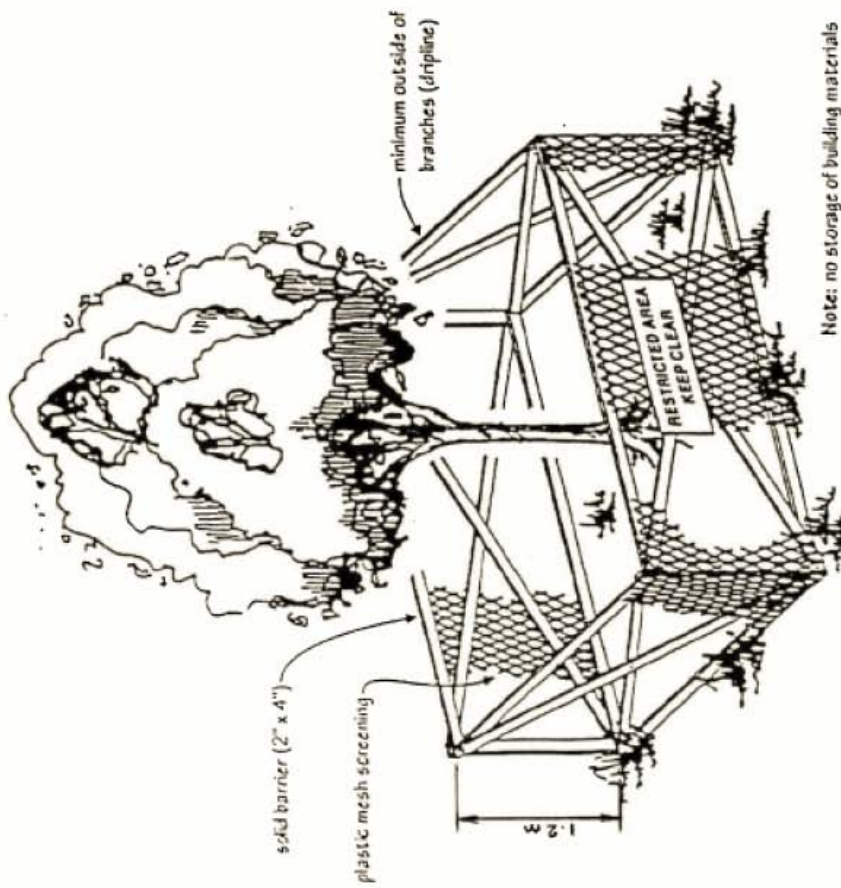
Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
325.	English Oak	King George Blvd - 2306	City of Surrey	
326.	English Oak	King George Blvd - 2308	City of Surrey	
327.	English Oak	King George Blvd - 2310	City of Surrey	
328.	English Oak	King George Blvd - 2315	City of Surrey	
329.	English Oak	King George Blvd - 2320	City of Surrey	
330.	English Oak	King George Blvd - 2336	City of Surrey	
331.	English Oak	King George Blvd - 2337	City of Surrey	
332.	English Oak	King George Blvd - 2355	City of Surrey	
333.	English Oak	King George Blvd - 2377	City of Surrey	
334.	English Oak	King George Blvd - 2381	City of Surrey	
335.	English Oak	King George Blvd - 2423	City of Surrey	
336.	English Oak	King George Blvd - 2428	City of Surrey	
337.	English Oak	King George Blvd - 2430	City of Surrey	
338.	English Oak	King George Blvd - 2451	City of Surrey	
339.	English Oak	King George Blvd - 2460	City of Surrey	
340.	English Oak	King George Blvd - 2461	City of Surrey	
341.	English Oak	King George Blvd - 2466	City of Surrey	
342.	English Oak	King George Blvd - 2471	City of Surrey	
343.	English Oak	King George Blvd - 2480	City of Surrey	
344.	English Oak	King George Blvd - 2491	City of Surrey	
345.	English Oak	King George Blvd - 2498	City of Surrey	
346.	English Oak	King George Blvd - 2500	City of Surrey	
347.	English Oak	King George Blvd - 2524	City of Surrey	
348.	English Oak	King George Blvd - 2530	City of Surrey	
349.	English Oak	King George Blvd - 2536	City of Surrey	
350.	English Oak	King George Blvd - 2546	City of Surrey	
351.	English Oak	King George Blvd - 2569	City of Surrey	
352.	English Oak	King George Blvd - 2570	City of Surrey	
353.	English Oak	King George Blvd - 2571	City of Surrey	
354.	English Oak	King George Blvd - 2601	City of Surrey	
355.	English Oak	King George Blvd - 2641	City of Surrey	
356.	English Oak	King George Blvd - 2645	City of Surrey	
357.	English Oak	King George Blvd - 2649	City of Surrey	
358.	English Oak	King George Blvd - 2650	City of Surrey	
359.	English Oak	King George Blvd - 2651	City of Surrey	
360.	English Oak	King George Blvd - 2655	City of Surrey	
361.	English Oak	King George Blvd - 2660	City of Surrey	
362.	English Oak	King George Blvd - 2670	City of Surrey	
363.	English Oak	King George Blvd - 2675	City of Surrey	
364.	English Oak	King George Blvd - 2680	City of Surrey	
365.	English Oak	King George Blvd - 2690	City of Surrey	

Tree No.	Tree Species	Location	Owner	Heritage Plaque Number (if applicable)
366.	English Oak	King George Blvd - 2700	City of Surrey	
367.	English Oak	King George Blvd - 2710	City of Surrey	
368.	English Oak	King George Blvd - 2713	City of Surrey	
369.	English Oak	King George Blvd - 2751	City of Surrey	
370.	English Oak	King George Blvd - 2755	City of Surrey	
371.	English Oak	King George Blvd - 2759	City of Surrey	
372.	English Oak	King George Blvd - 2763	City of Surrey	
373.	English Oak	King George Blvd - 2765	City of Surrey	
374.	English Oak	King George Blvd - 2769	City of Surrey	
375.	English Oak	King George Blvd - 2770	City of Surrey	
376.	English Oak	King George Blvd - 2780	City of Surrey	
377.	English Oak	King George Blvd - 2790	City of Surrey	
378.	English Oak	King George Blvd - 2800	City of Surrey	

Schedule "F"
Tree Protection Barrier Detail

Tree Protection Distance Table

Trunk Diameter (cm)	Minimum Protection Req'd Around Tree (distance from trunk in metres)
20	1.2
25	1.5
30	1.8
35	2.1
40	2.4
45	2.7
50	3
55	3.3
60	3.6
75	4.5
90	5.4
100	6.0



Note: no storage of building materials within or against protection barrier

Tree Protection Barrier