Tree Inventory and Preservation Plan Report
674 Essa Road
City of Barrie, Ontario

prepared for

7 Generations Developments Group Limited
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prepared by

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KUNTZ FORESTRY CONSULTING Inc. Project P2456

Introduction

Kuntz Forestry Consulting Inc. was retained by 7 Generations Developments Group Limited to complete a Tree Inventory and Preservation Plan Report in support of a development application for the property located at 674 Essa Road in Barrie, Ontario. The property is located at the northeast corner of Essa Road and Mapleview Drive West in Barrie.

The work plan for this study included the following:

- Prepare field mapping;
- Prepare inventory of all tree resources 10 cm in diameter and larger occurring on subject property, within the road allowance, and on neighbouring property adjacent to the subject property;
- Evaluate potential tree saving opportunities based on proposed site plans; and,
- Document the findings in a Tree Inventory and Preservation Plan report.

Methodology

Field assessments were conducted on 15 July 2020. Trees were located using the topographic survey, aerial imagery, and estimations made in-field. Trees that could be tagged were identified with the numbers 301-396. Trees that could not be tagged including those on neighbouring trees were identified as Trees A-Z and AA-AQ, with polygons (groups of trees) identified with the prefix "P". All tree resources included in the inventory were visually assessed for condition utilizing the following parameters:

Tree # - numbers assigned to trees that corresponds to Figure 1 (attached).
Species - common and botanical names provided in the inventory table (Table 1).
DBH - diameter (centimeters) at breast height, measured at 1.4 m above the ground.
Condition - condition of tree considering trunk integrity, crown structure and crown vigor. Condition ratings include poor (P), fair (F) and good (G).
Dripline – size of crown radius, as measured from the stem to the outermost reaches of the branches
Crown Dieback – the percentage of dead branches located in the crown.
Comments - additional relevant detail.

Existing Site Conditions

The subject site is comprised of agricultural lands, rural dwellings, outbuildings, and amenity spaces. A swale feature transects the property in the east-west direction.

The tree inventory documented a total of 140 trees and tree polygons (group of similar trees) located on and within six metres of the subject property. Refer to Figure 1 for tree locations and Table 1 for the complete tree inventory.

Tree resources included in the inventory are comprised of Willow species (*Salix sp.*), Manitoba Maple (*Acer negundo*), Mountain Ash (*Sorbus sp.*), Eastern Red Cedar (*Juniperus virginiana*), White Spruce (*Picea glauca*), Black Walnut (*Juglans nigra*), European Ash (*Fraxinus excelsior*), Norway Maple (*Acer platanoides*), Green Ash (*Fraxinus pennsylvanica*), Blue Spruce (*Picea pungens*), Apple species (*Malus sp.*), Sugar Maple (*Acer saccharum*), Eastern White Cedar (*Thuja occidentalis*), Norway

Spruce (*Picea abies*), Eastern Cottonwood (*Populus deltoides*), Red Oak (*Quercus rubra*), Russian Olive (*Eleagnus angustifolia*), Black Locust (*Robinia pseudoacacia*), White Pine (*Pinus strobus*), Pin Oak (*Quercus palustris*), Red Maple (*Acer rubrum*), and Balsam Fir (*Abies balsamea*).

Proposed Development

The demolition of the existing structures and the construction of a multi-block mixed-use development is proposed for the subject property. Access will be provided from Essa Road to the west and Mapleview Drive West. A stormwater management channel is proposed through the centre of the property roughly aligning with the existing swale. Refer to Figure 1 (attached) for the existing conditions and proposed site plan.

Discussion

The following sections provide a discussion and analysis of development impacts, tree removals and tree preservation relative to both concept plans.

Development Impacts/Tree Removals

The removal of Trees 301-396, A-P, and AE-PAQ will be required to accommodate the proposed development.

Trees A, P, and 361 are located in the Essa Road right-of-way. Trees AE-AL are located on the Mapleview Community Church property to the east.

Refer to Figure 1 for the location of tree removals.

Tree Preservation

The preservation of Trees Q-PZ and AA-AD, all located on the Holy Spirit Parish property to the north, will be possible with appropriate tree protection measures as indicated on Figure 1. Tree protection measures will have to be implemented prior to the commencement of construction to ensure that trees identified for preservation are not impacted by the proposed development. Trees will be hoarded beyond their dripline at the northern property boundary. All grading and other disturbance should be kept outside of the TPZ's.

Where tree protection hoarding falls outside of and/or coincides with any prescribed ESC or construction hoarding, designated tree protection fencing may not be required.

Refer to Figure 1 for the location of prescribed tree protection fence locations, the tree protection fence detail and further tree preservation plan notes.

Species at Risk

There were no species at risk trees, including Butternut (*Juglans cinerea*) identified on or adjacent to the subject property.

Summary and Recommendations

Kuntz Forestry Consulting Inc. was retained by 7 Generations Developments Group Limited to complete a Tree Inventory and Preservation Plan Report in support of a development application for a property situated at 674 Essa Road in Barrie, Ontario. A tree inventory was conducted and reviewed in the context of the proposed site plan.

The findings of the study indicate a total 140 trees and tree polygons situated on and adjacent to the subject property. The removal of 125 trees and tree polygons will be required to accommodate the proposed development. All other trees can be preserved with appropriate tree protection measures.

The following recommendations are suggested to minimize impacts to trees identified for preservation. Refer to Figure 1 for the location of tree preservation fence, further 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. All tree protection measures should follow the guidelines as set out in the tree preservation plan notes and the tree preservation fencing detail on Figure 1.

- Tree protection measures are to be implemented prior to the demolition phase to ensure the trees identified for preservation are not impacted by the development.

- Branches and roots that extend beyond prescribed tree protection zones that require pruning must be pruned by a qualified Arborist or other tree professional as approved by the City of Barrie. All pruning of tree roots and 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,

Kuntz Forestry Consulting Inc.

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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 (ie. 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: 674 Essa Road, Barrie Date: 15 July 2020 Surveyors: CB

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CDB	DL	Comments	Action
301	Willow species	*Salix spp.*	~8-18	F	P-F	P-F	30	4	Union at base with ~11 stems, coppice growth (M), epicormic branching (M), deadwood (M)	Remove
302	Manitoba Maple	*Acer negundo*	9, 9.5, ~10, 11	F	F	F		3	Union at base, restricted root zone, pruning wounds (L)	Remove
303	Mountain Ash	*Sorbus spp.*	26.5	F	F	F		3.5	Coppice growth (M), lean (L), multiple branch attachments (L)	Remove
304	Eastern Red Cedar (Juniper)	*Juniperus virginiana*	~32, 20	F	F	F		3	1 Lost leader, v-union at 1m, asymmetrical crown (L)	Remove
305	White Spruce	*Picea glauca*	49	F	G	G		4.5	Girdling root (H)	Remove
306	White Spruce	*Picea glauca*	36	G	G	G		4		Remove
307	Black Walnut	*Juglans nigra*	15	F-G	G	G		3	V-union at 1.7m	Remove
308	European Ash	*Fraxinus excelsior*	10	F	F	F		4	Bowed crown (M), vine competition (H), sweep (H), stem wound (H)	Remove
309	Manitoba Maple	*Acer negundo*	~9-12	P	P	P-F		6	Union at base with almost failed stems, sweeps (H), bowed (H), 8 stems	Remove
310	Manitoba Maple	*Acer negundo*	8-15.5	P-F	P-F	F		4	Growing from old stump, included fence (H), 6 stems	Remove
311	European Ash	*Fraxinus excelsior*	6-10.5	F	F	F		4	Clump of 6 stems	Remove
312	Norway Maple	*Acer platanoides*	28	F	F-G	F		3.5	Deadwood (L), seams (L)	Remove
313	Norway Maple	*Acer platanoides*	30.5	F-G	F-G	F-G		3.5	V-union at 1.6m, vertical scaffolding limbs (L)	Remove
314	Mountain Ash	*Sorbus spp.*	24	F-G	F-G	F-G		3.5	Lean (M), asymmetrical crown (L), deadwood (L)	Remove
315	Mountain Ash	*Sorbus spp.*	14, 12	F	F	F		3	Asymmetrical crown (M), v-union at 0.2m, deadwood (L)	Remove
316	Mountain Ash	*Sorbus spp.*	20	F-G	F	F		3	Sparse crown (L), lean (L), deadwood (L)	Remove
317	Mountain Ash	*Sorbus spp.*	26	F	F-G	F-G		3.5	V-union at 1.2m, lean (L)	Remove
318	Mountain Ash	*Sorbus spp.*	22	F-G	F-G	F-G		3.5	Asymmetrical crown (L)	Remove
319	Mountain Ash	*Sorbus spp.*	25.5	F-G	F-G	F-G		3.5	Coppice growth (L), sapsucker damage (L)	Remove
320	Green Ash	*Fraxinus pennsylvanica*	24	F	F	P	60	4		Remove
321	White Spruce	*Picea glauca*	27.5	G	G	G		3.5		Remove
322	Blue Spruce	*Picea pungens*	48	G	G	G		4		Remove

323	White Spruce	*Picea glauca*	~32	G	F-G	F-G		3.5	Asymmetrical crown (L), sparse crown (L)	Remove
324	White Spruce	*Picea glauca*	~28	G	G	G		4		Remove
325	Apple species	*Malus spp.*	22	F	F	F		3	Union at 1.4m, cavity (H), epicormic branching (L), deadwood (L)	Remove
326	Apple species	*Malus spp.*	11.5	F	F	F		3	Lean (H), epicormic branching (M)	Remove
327	Manitoba Maple	*Acer negundo*	12.5, 19, 17.5	F-G	G	G		4	Union at base, v-union at 0.2m	Remove
328	Manitoba Maple	*Acer negundo*	15.5	F-G	F-G	F-G		5	Lean (L), bowed (M)	Remove
329	Manitoba Maple	*Acer negundo*	12,9, 9, 8	F-G	F-G	F-G		4	Union at base	Remove
330	Manitoba Maple	*Acer negundo*	11, 10, 7.5, 7	F-G	F-G	F-G		3	Union at base	Remove
331	Manitoba Maple	*Acer negundo*	10.5, 11	F-G	F-G	F-G		3	Union at base	Remove
332	Black Walnut	*Juglans nigra*	16.5	G	G	G		3		Remove
333	Black Walnut	*Juglans nigra*	21	F-G	G	G		3.5	Union at 1.6m	Remove
334	Manitoba Maple	*Acer negundo*	11.5	F	F	F		3	Asymmetrical crown (M), beside barn	Remove
335	Manitoba Maple	*Acer negundo*	15.5, 14.5, 10, 15.5	F-G	F-G	F-G		4	Union at 0.1m, deadwood (L)	Remove
336	Manitoba Maple	*Acer negundo*	12, 11, 7, 7	F-G	F-G	F-G		5	Union at 0.1m, epicormic branching (L)	Remove
337	Manitoba Maple	*Acer negundo*	13.5, 14, 12	F-G	F-G	F-G		4	Union at base, asymmetrical crown (L)	Remove
338	Manitoba Maple	*Acer negundo*	28, 26, 29, 34	F	F	F		10	Union at 0.3 and 0.4m	Remove
339	Black Walnut	*Juglans nigra*	81	F-G	G	G		8	Previously tagged 155, seams (L)	Remove
340	Manitoba Maple	*Acer negundo*	21	F	F	F		4	Bowed (M) over barn, epicormic branching (L)	Remove
341	Black Walnut	*Juglans nigra*	17.5	G	F-G	G		4	Bowed crown (L)	Remove
342	Manitoba Maple	*Acer negundo*	53	F	F	F		6	Epicormic branching (L), union at 2m, coppice growth (L)	Remove
343	Black Walnut	*Juglans nigra*	31.5, 30	P-F	F	P-F		5	Canker (H)	Remove
344	Manitoba Maple	*Acer negundo*	25.5, 9	F	P-F	F		4	Broken branches (H)	Remove
345	Black Walnut	*Juglans nigra*	26, ~45, 43	F	F	F-G		7	Union at base, previously tagged 159, union at base and v-union at 0.2m, sweep (M) on 1 stem, poor form (M)	Remove

346	Black Walnut	*Juglans nigra*	18	F-G	F-G	G		4.5	Union at 2m, asymmetrical crown (L)	Remove
347	Black Walnut	*Juglans nigra*	23	F-G	F-G	G		4.5	V-union at 1.7m, vine competition (L), asymmetrical crown (L)	Remove
348	Black Walnut	*Juglans nigra*	17.5	G	G	G		3.5		Remove
349	Black Walnut	*Juglans nigra*	22	F-G	F-G	G		4.5	V-union at 2m	Remove
350	Black Walnut	*Juglans nigra*	33	F	F	F-G		4.5	Canker (M), previously tagged 158	Remove
351	Black Walnut	*Juglans nigra*	14.5	G	G	G		3		Remove
352	Black Walnut	*Juglans nigra*	67	F-G	F-G	G		7.5	Previously tagged 154, pruning wounds (H), asymmetrical crown (L)	Remove
353	Sugar Maple	*Acer saccharum*	20.5, 35	F-G	F-G	F-G		6.5	V-union at base	Remove
354	Eastern White Cedar	*Thuja occidentalis*	35, 18	F	P-F	F		3.5	Lost leader, union at 0.1m	Remove
355	Sugar Maple	*Acer saccharum*	39	F-G	F-G	F-G		6	Lean (VL), asymmetrical crown (L), stem wound (M)	Remove
356	Sugar Maple	*Acer saccharum*	42	G	F-G	G		7	Union at 3m, asymmetrical crown (L)	Remove
357	Sugar Maple	*Acer saccharum*	32, 11.5	G	F-G	G		7	Union at base, asymmetrical crown (L)	Remove
358	Sugar Maple	*Acer saccharum*	139	P	F	F		11.5	Crack (H) at union, union at 2m, lost leaders with rot, asymmetrical crown (M), hazard => **remove**	Remove
359	Sugar Maple	*Acer saccharum*	87	F	F	F		8	Asymmetrical crown (M), deadwood (L), cavity (M) with rot, previously tagged 147	Remove
360	Norway Spruce	*Picea abies*	55	G	G	G		4.5		Remove
361	Norway Spruce	*Picea abies*	56	F	F	F		6.5	Deadwood (L), poor form (L), asymmetrical crown (L), growth deficit (L)	Remove
362	Norway Spruce	*Picea abies*	55.5	G	F-G	F-G		5.5	Asymmetrical crown (L), deadwood (L)	Remove
363	Norway Spruce	*Picea abies*	50	F-G	F-G	F-G		5.5	Groundhog den at base, crowded (L), growth deficit (L)	Remove
364	Norway Spruce	*Picea abies*	40	G	F-G	G		5.5		Remove
365	Sugar Maple	*Acer saccharum*	16	G	F-G	G		3	Asymmetrical crown (L)	Remove
366	Norway Spruce	*Picea abies*	41	G	F-G	G		4.5	Crowded (L)	Remove
367	Norway Spruce	*Picea abies*	48	G	F-G	G		4.5	Lean (L), crowded (L)	Remove
368	Sugar Maple	*Acer saccharum*	50.5	F	F-G	F		6	Asymmetrical crown (L), deadwood (L), previously tagged 149, pruning wounds (M)	Remove
369	Sugar Maple	*Acer saccharum*	91	F	F-G	F-G		7	Pruning wounds (H), v-union at 4m with included bark (H), previously tagged 150, cavity (M) with seam	Remove
370	Apple species	*Malus spp.*	37, 26	F	F	F		7	Union at 0.2m, asymmetrical crown (M), deadwood (L), epicormic branching (M)	Remove
371	Apple species	*Malus spp.*	35, 16	F	F	F		8	Union at 0.1m, epicormic branching (M)	Remove

372	Apple species	*Malus spp.*	29-Oct	F	F	F		7	Union at base, 10 stems, epicormic branching (M)	Remove
373	Apple species	*Malus spp.*	24, ~20	F	F	F		8	Lean (M), epicormic branching (M)	Remove
374	Manitoba Maple	*Acer negundo*	17, 11.5	F-G	F-G	F-G		4	Union at 1m, restricted root zone	Remove
375	Mountain Ash	*Sorbus spp.*	14, 16	F-G	F-G	F-G		3	Union at base	Remove
376	Apple species	*Malus spp.*	~56, 45	F	F	F		5.5	Union at base, epicormic branching (M), 1 lost leader, deadwood (M)	Remove
377	Apple species	*Malus spp.*	~37, 42, 36, 26	P	P-F	P-F	20	6	Union at base, epicormic branching (M), deadwood (H), hollow stem	Remove
378	White Spruce	*Picea glauca*	~42	G	G	G		3.5	Lean (VL)	Remove
379	White Spruce	*Picea glauca*	~43	G	G	G		3.5		Remove
380	Manitoba Maple	*Acer negundo*	17.5, 14.5	F-G	F-G	F		3	Union at base, bowed (L), 1 dead stem, poor form (L)	Remove
381	Apple species	*Malus spp.*	44	P	P-F	P-F	20	4	Hollow, splitting, poor form (H), fused stems, epicormic branching (H), deadwood (H)	Remove
382	White Spruce	*Picea glauca*	32	G	G	G		3		Remove
383	Norway Maple 'Crimson King'	*Acer platanoides 'Crimson King'*	32	F-G	G	G		4	Union at 1.5m	Remove
384	Norway Maple	*Acer platanoides*	40.5	F-G	G	F		4.5	V-union at 1.3m	Remove
385	Blue Spruce	*Picea pungens*	33	G	F-G	G		3	Asymmetrical crown (L)	Remove
386	Blue Spruce	*Picea pungens*	35	G	F-G	G		3	Asymmetrical crown (L)	Remove
387	Norway Maple	*Acer platanoides*	52	F	F	F	10	6	Asymmetrical crown (L), gridling root (L), growth deficit (L), multiple branch attachments	Remove
388	Eastern Cottonwood	*Populus deltoides*	10	G	G	G		2		Remove
389	Eastern Cottonwood	*Populus deltoides*	56.5, 41, ~40	F-G	G	G		8	Union at base, previously tagged 161	Remove
390	Red Oak	*Quercus rubra*	17, 10	F-G	F-G	G		3	Union at base	Remove
391	Black Walnut	*Juglans nigra*	16, 14.5	F-G	F-G	G		4	Union at base, asymmetrical crown (L)	Remove
392	Manitoba Maple	*Acer negundo*	31, 3, ~32	F	F	F		6.5	Union at 0.1m, epicormic branching (M)	Remove
393	Black Walnut	*Juglans nigra*	17.5, 25	F-G	F-G	G		4	Union at 0.3m	Remove
394	Black Walnut	*Juglans nigra*	20.5	G	G	G		4		Remove
395	Black Walnut	*Juglans nigra*	21.5, 12	F-G	F-G	F		4	Union at base, canker (L), fill in root zone	Remove
396	Manitoba Maple	*Acer negundo*	26.5	F	F	F		5	Epicormic branching (M), bowed (M), broken branches (L), fill in root zone	Remove

A	Russian Olive	*Eleagnus angustifolia*	~6, 7, 7	F-G	G	G		2	Union at base	Remove
B	Manitoba Maple	*Acer negundo*	~13	F	F	F		3.5	Bowed (H)	Remove
C	Black Locust	*Robinia pseudoacacia*	~6	G	G	G		2	Probably in right-of-way, vine competition (H)	Remove
PD	Manitoba Maple	*Acer negundo*	~10-14	F	F	F			8 trees, multi-stemmed, bowed crowns	Remove
E	Manitoba Maple	*Acer negundo*	~8, 9, 10	F	F	F		3.5	Union at base	Remove
PF	Manitoba Maple	*Acer negundo*	~8-17	F	F	F		6	Clump of 12 stems, bowed (M)	Remove
G	Manitoba Maple	*Acer negundo*	~10, 12	F	F	F		3	Vine competition (M), union near base	Remove
PH	Manitoba Maple	*Acer negundo*	~8-18	F	F	F		4	Grouping of 9 stems, multi-stemmed	Remove
I	Blue Spruce	*Picea pungens*	~47	G	G	G		3.5		Remove
J	White Spruce	*Picea glauca*	~24, 32	F	F	G		3.5	V-union at 1m	Remove
K	Mountain Ash	*Sorbus spp.*	~22, 15	F	F	P-F	40	3		Remove
L	Manitoba Maple	*Acer negundo*	~42	P	P	P		8	Phoenix tree	Remove
M	Manitoba Maple	*Acer negundo*	~22, 15	F	F	F		4	Union at base, bowed (H)	Remove
PN	Eastern White Cedar	*Thuja occidentalis*	~10-24	F	F	F		3	24 trees, hedge feature, poor form (L), multi-stemmed, 3 trees >20cm	Remove
PO	Eastern White Cedar	*Thuja occidentalis*	~10-19	G	G	G		3	Hedge, 14 trees, multi-stemmed	Remove
P	Black Walnut	*Juglans nigra*	7	F	P	P-F		1	Lost leader	Remove
Q	Willow species	*Salix spp.*	30.5	G	G	G		4.5		Retain
R	White Spruce	*Picea glauca*	~10	G	G	G		3		Retain
S	White Spruce	*Picea glauca*	~10	G	G	G		2		Retain
T	White Spruce	*Picea glauca*	~10	G	G	G		2		Retain
U	White Pine	*Pinus strobus*	~12	G	G	G		2.5		Retain
V	White Pine	*Pinus strobus*	~12	G	G	G		2.5		Retain
W	White Pine	*Pinus strobus*	~12	G	G	G		2.5		Retain
X	White Pine	*Pinus strobus*	~12	G	G	G		2.5		Retain
Y	White Pine	*Pinus strobus*	~12	G	G	G		2.5		Retain
Y	White Pine	*Pinus strobus*	~12	G	G	G		2.5		Retain
PZ	White Spruce	*Picea glauca*	~10-12	G	G	G		2	6 trees	Retain

AA	Sugar Maple	*Acer saccharum*	9.5	G	F	F	15	2		Retain
AB	Sugar Maple	*Acer saccharum*	7.5	F-G	P-F	P-F	30	1		Retain
AC	Sugar Maple	*Acer saccharum*	~10	F	F	F		2	Poor form (L)	Retain
AD	Sugar Maple	*Acer saccharum*	~7	P	P	P	90	1		Retain
AE	Red Oak	*Quercus rubra*	~12	G	G	G		3		Remove
AF	Red Oak	*Quercus rubra*	13.45	F-G	F	F	20	3		Remove
AG	Pin Oak	*Quercus palustris*	16	G	G	G		3		Remove
AH	Pin Oak	*Quercus palustris*	8	F-G	F	F	20	2		Remove
AI	Red Maple	*Acer rubrum*	~10	G	G	G		2		Remove
AJ	Red Maple	*Acer rubrum*	~10	F	F	F	30	2		Remove
AK	Red Maple	*Acer rubrum*	~10	G	G	G		2		Remove
AL	Red Maple	*Acer rubrum*	~9	G	G	G		2		Remove
AM	White Spruce	*Picea glauca*	~43	G	G	G		3.5		Remove
AN	Manitoba Maple	*Acer negundo*	~52, 32, 15	F	F	F		8	Bowed (H), poor form (H), broken branches (M)	Remove
AO	Blue Spruce	*Picea pungens*	~48	G	F-G	G		4	Poor form (L)	Remove
PAP	Balsam Fir	*Abies balsamea*	~10-22	G	G	G		2.5	21 trees, 1 tree <20cm DBH	Remove
PAQ	Eastern White Cedar	*Thuja occidentalis*	~10-17	G	G	G		2.5	15 trees	Remove

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