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URBAN FORESTRY & FOREST MANAGEMENT CONSULTING

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## RE: TREE CONSERVATION REPORT FOR 1186-1194 WELLINGTON STREET, OTTAWA

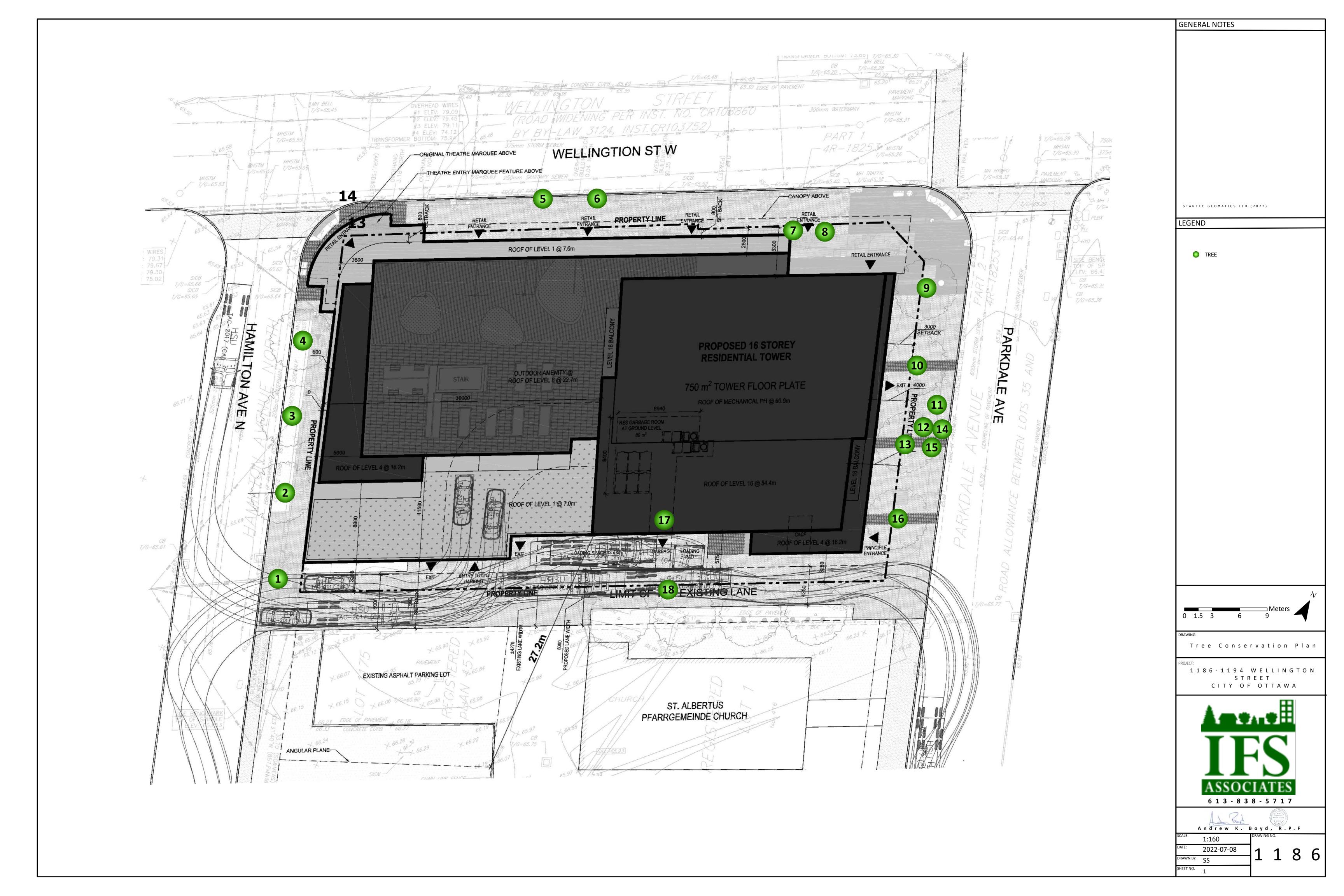
This Tree Conservation Report (TCR) was prepared by IFS Associates Inc. (IFS) on behalf of Minto Communities - Canada in support of their proposed redevelopment of 1186-1194 Wellington Street in Ottawa. The need for this report is related to trees protected under the City of Ottawa's Tree Protection By-law (By-law No. 2020-340). Presently the property is occupied by two commercial buildings and a surface parking lot. The proposed redevelopment will include the demolition of the existing buildings and construction of a multi-storey, mixed use building with ground floor commercial, residential units on the upper floors and underground parking.

Under the Tree Protection By-law a TCR is required for all Plans of Subdivision, Site Plan Control Applications, Common Elements Condominium Applications, and Vacant Land Condominium Applications where there is a tree of 10 cm in diameter at breast height (DBH) or greater on a site and/or if there is a tree on an adjacent site that has a critical root zone (CRZ) extending onto a development site. Trees of any size on adjacent City lands must also be documented in a TCR. A "tree" is defined in the By-law as any species of woody perennial plant, including its root system, which has reached or can reach a minimum height of at least 450 cm at physiological maturity. The CRZ is calculated as DBH x 10 cm.

The approval of this TCR by the by the City's General Manager and the issuing of a permit authorizes the removal of approved trees. Importantly, although this report may be used to support the application for a City tree removal permit, it does not by itself constitute permission to remove trees or begin site clearing activities. No such work should occur before a tree removal permit is issued authorizing the injury or destruction of a tree in accordance with the By-law.

The inventory in this report details the assessment of all individual trees on the subject and adjacent private property, including trees on nearby City of Ottawa lands. Field work for this report was completed in June 2022.

Pictures 1 through 5 on pages 6, 7 and 8 of this report show selected trees on and adjacent to the subject property.



## TREE SPECIES, CONDITION, SIZE AND STATUS

Table 1 below details the species, condition, size (diameter) and status of the individual trees on and adjacent to the subject property. Each of these trees is referenced by the numbers plotted on the tree conservation plan included on page 5 of this report.

Table 1. Species, condition, size, ownership and status of trees at 1186-1194 Wellington Street

Tree	Tree species	DBH <sup>1</sup>	Ownership <sup>2</sup>	Tree condition, age class, tree condition notes,
No.	1	(cm)	r	species origin & <b>preservation status</b> (to be
				removed or preserved and protected)
1	Japanese tree	12	City	Good; mature; single main stem to 1.2m from
	lilac			grade with central and multiple competing
	(Syringa			leaders; broad, dense crown; cultivar; <b>to be</b>
	reticulata)			removed (conflicts with construction access)
2	Japanese tree	15	City	Good; mature; single main stem to 1.5m from
	lilac			grade with central leader and two competing
	(Syringa			laterals; broad, dense crown; basal sprouts on
	reticulata)			west; cultivar; to be removed (conflicts with
				construction access)
3	Japanese tree	13	City	Good; mature; single main stem to 1.2m from
	lilac		-	grade with four competing leaders; broad,
	(Syringa			dense crown; Manitoba maple sapling at base;
	reticulata)			cultivar; to be removed (conflicts with
				construction access)
4	Japanese tree	15	City	Good; mature; single main stem to 1.2m from
	lilac			grade with multiple competing laterals;
	(Syringa			multiple basal sprouts; very dense crown;
	reticulata)			cultivar; to be removed (conflicts with
				construction access)
5	Japanese tree	4	City	Poor; immature; within restricted sidewalk
	lilac			planting bed; central stem with competing
	(Syringa			lateral at 1m on east; poor crown density and
	reticulata)			growth increment (vigour); cultivar; <b>to be</b>
				removed (conflicts with construction access)
6	Honey-locust	10	City	Fair; immature; within restricted sidewalk
	(Gleditsia			planting bed; stunted form; poor growth
	triacanthos)			increment; introduced species to Eastern
				Ontario; to be removed (conflicts with
				construction access)
7	Honey-locust	8	Private	Fair; immature; divergent form due to
	(Gleditsia			influence of tree #8; crown apex dead;
	triacanthos)			restricted rooting area; introduced species to
				Eastern Ontario; to be removed (conflicts with
				construction access)



Table 1. Con't

Tree	Tree species	DBH <sup>1</sup>	Ownership <sup>2</sup>	Tree condition, age class, tree condition notes,
No.		(cm)		species origin & preservation status (to be
				removed or preserved and protected)
8	Honey-locust	21	Private	Good; mature; central stem to 3.5m with
	(Gleditsia			competing leaders; outstretched laterals
	triacanthos)			starting at 2m; broad crown; introduced
				species to Eastern Ontario; to be removed
				(conflicts with construction access)
9	Honey-locust	14	Private	Fair; maturing; central stem with multiple
	(Gleditsia			suppressed epicormic laterals on south and
	triacanthos)			west at 0.25-1.5m; introduced species to
				Eastern Ontario; to be removed (conflicts with
				construction access)
10	Honey-locust	<10	Private	Poor; immature; tri-stemmed from grade -
	(Gleditsia			coppice growth from stump of previously
	triac anthos)			removed tree; divergent towards north due to
				influence of tree #11; introduced species to
				Eastern Ontario; to be removed (conflicts with
				construction access)
11	Honey-locust	29	City	Fair; mature; lower main stem upright to 3.5m;
	(Gleditsia			divergent and crown asymmetric towards north
	triacanthos)			due to influence of tree #12; introduced species
				to Eastern Ontario; to be removed (conflicts
				with construction access)
12	Siberian elm	25	City	Fair; mature; double stemmed from grade;
	(Ulmus pumila)	avg.		mildly divergent and crown asymmetric
				towards north due to influence of tree #13-15;
				introduced invasive species; to be removed
				(conflicts with construction access)
13	Honey-locust	31	City	Fair; mature; suppressed and asymmetric
	(Gleditsia			towards west due to influence of neighbouring
	triacanthos)			trees; introduced species to Eastern Ontario; to
				<b>be removed</b> (conflicts with construction
				access)
14	Siberian elm	26	City	Poor; mature; strongly divergent and
	(Ulmus pumila)			asymmetric towards north due to influence of
				neighbouring trees; introduced invasive
				species; to be removed (conflicts with
				construction access)
15	Siberian elm	42	City	Poor; mature; co-dominant stems at 2.5m from
	(Ulmus pumila)			grade; both divergent and asymmetric towards
				east due to influence of neighbouring trees;
				introduced invasive species; to be removed
				(conflicts with construction access)

Table 1. Con't

Tree	Tree species	DBH <sup>1</sup>	Ownership <sup>2</sup>	Tree condition, age class, tree condition notes,
No.		(cm)		species origin & preservation status (to be
				removed or preserved and protected)
16	Honey-locust	18	Private	Good; mature; single upright stem with
	(Gleditsia			suppressed laterals starting at 2m; broad,
	triacanthos)			symmetric crown; introduced species to
				Eastern Ontario; to be removed (conflicts with
				construction access)
17	Manitoba maple	<10	Private	Immature coppice growth from stump of
	(Acer negundo)			previously removed tree; naturalized species;
				to be removed (conflicts with construction)
18	Manitoba maple	<10	Private	Immature coppice growth from stump of
	(Acer negundo)			previously removed tree; naturalized species;
				to be removed (conflicts with construction)

<sup>&</sup>lt;sup>1</sup> diameter at breast height, or 1.4m from grade (unless otherwise indicated); <sup>2</sup> determined from topographic survey

## FEDERAL AND PROVINCIAL REGULATIONS

Federal and provincial regulations can be applicable to trees on private property. In particular, the following two regulations have been considered for this property:

- 1) Endangered Species Act (2007): No butternuts (*Juglans cinerea*) were identified on the subject or adjacent properties. This species of tree is listed as threatened under the Province of Ontario's Endangered Species Act (2007) and so is protected from harm.
- 2) <u>Migratory Bird Convention Act (1994)</u>: In the period between April and August of each year nest surveys are required to be performed by a suitably trained person no more than five (5) days before trees or other similar nesting habitat are to be removed.

This report is subject to the attached Limitations of Tree Assessments and Liability to which the reader's attention is directed.

Please do not hesitate to contact the undersigned with any questions concerning this report.

Yours,

Andrew K. Boyd, B.Sc.F, R.P.F. (#1828) Certified Arborist #ON-0496A and TRAQualified Consulting Urban Forester

