

10-20			
21-35	2:1		
36-50	3:1		
51-65	4:1		
>65cm	5:1		
TREE COMPENSATION	N TABLE - PRIVA	TE TREES	
SIZE CATEGORIES OF TREES	NUMBERS OF	NUMBERS OF TREES	
FOR COMPENSATION	INDIVIDUALS	REQUIRED FOR PLANTING	
10-20cm DBH	0	0	
21-35cm DBH	1	2	

TREE COMPENSATION TABLE - PRIVATE TREES								
SIZE CATEGORIES OF TREES FOR COMPENSATION	NUMBERS OF INDIVIDUALS	NUMBERS OF TREES REQUIRED FOR PLANTING						
10-20cm DBH	0	0						
21-35cm DBH	1	2						
36-50cm DBH	0	0						
51-65cm DBH	4	16						
>65cm DBH	1	5						
TOTAL	6	23						

	Species	DBH (cm)	Canopy diameter (m)	Bioglogical Health	Structural Condition	Recommended Action	Comments	Location
1a	Pinus sylvestris (Scots Pine)	33	7	Н	МН	Р	Multibranch node and backfilled.	М
1b	Pinus sylvestris (Scots Pine)	21	7	Н	Н	Р	Backfilled.	M
1c	Pinus sylvestris (Scots Pine)	24	7	Н	Н	Р	Backfilled.	М
1d	Pinus sylvestris (Scots Pine)	15, 14	5	Н	M	Р	Multi-leader with included bark from 0.15m-0.3m ht. and backfilled.	М
1e	Pinus sylvestris (Scots Pine)	26	7	Н	Н	P	Backfilled.	M
1f	Pinus sylvestris (Scots Pine)	22	6	Н	Н	P	Backfilled.	M
1g	Pinus sylvestris (Scots Pine)	20	6	Н	Н	Р	Backfilled.	M
1h	Pinus sylvestris (Scots Pine)	22.5	6	Н	Н	P	Backfilled.	M
2	Picea glauca (White Spruce)	44	8	M	Н	P	Branch tips with dieback of 30% of canopy.	М
3	Acer negundo (Manitoba Maple)	41, 33, 31	12	М	M	Р	Three leaders, approx. 20 medium- sized dead branches, emerging included bark at the main union.	М
4	Pinus sylvestris (Scots Pine)	~15	n/a	D	D	Р	Dead.	M
5	Pinus sylvestris (Scots Pine)	29	6	Н	Н	Р	Backfilled.	M
6	Pinus sylvestris (Scots Pine)	39	7	Н	М	Р	Large limb of 15cm dia. Torn off with ripping wound, co-dominant leaders, and backfilled.	М
7	Pinus sylvestris (Scots Pine)	21	4	ML	М	Р	Backfilled, canopy 60% dead.	M
8	Pinus sylvestris (Scots Pine)	21.5, 25	6	Н	М	RC	Co-dominant leaders with included bark (10cm length), backfilled, medium branch fusind with 2 leaders.	М
9	Pinus sylvestris (Scots Pine)	32	6	Н	МН	RC	Large broken limb, branch stubs with ripping wound.	M
10	Acer negundo (Manitoba Maple)	25.5	7	Н	M	P	Multiple limbs cut at base.	M
11	Pinus sylvestris (Scots Pine)	31.5	6	МН	Н	Р	Some defoliation on twigs, 1 limb broken at branch collar.	M
12	Pinus sylvestris (Scots Pine)	21	4	ML	ML	P	Unbalanced canopy to west, zig zag branch from on leader. Wound on leader with 30% trunk circumference.	M
13	Pinus sylvestris (Scots Pine)	29.5	6	Н	МН	Р	Co-dominant leaders.	М
14	Pinus sylvestris (Scots Pine)	46	9	Н	M	Р	Co-dominant leaders with included bark from 4m to 5.5m ht.	M
15	Pinus sylvestris (Scots Pine)	17	5	M	M	Р		M
16	Acer saccharinum (Silver Maple)	~70	14	МН	М	Р	Multiple leaders from 2m ht., included bark at 6m ht. Has wrap on trunk for pest.	N

	Species	DВН (cm)	Canopy diameter (m)	Bioglogical Health	Structural Condition	Recommended Action	Comments	Location
17	Pinus nigra (Austrian Pine)	~45	7	М	М	Р	Co-dominant leaders from 6m ht. with medium sized branch fused between them and browning foliage. Has wrap on trunk for pest.	N
18	Pinus nigra (Austrian Pine)	~30	5	М	М	Р	Unbalanced canopy to west and browning foliage. Has wrap on trunk for pest.	N
19	Pinus nigra (Austrian Pine)	~50	7	МН	Н	Р	Browning foliage and has wrap on trunk for pest.	N
20	Picea glauca (White Spruce)	~25	5	H	Н	Р	Has wrap on trunk for pest.	N
21	Picea glauca (White Spruce)	~25	5	МН	Н	Р	Suppressed branches at 10 - 15m from #22 but top is in leaf. Has wrap on trunk for pest.	N
22	Eleagnus angustifolius (Russian Olive)	~25, ~20	10	ML	М	Р	Co-dominant, limb/trunk leans 450 to east and to west, slower canopy has a lot of dieback (50%).	N
23	Eleagnus angustifolius (Russian Olive)	~45, ~25	11	М	М	Р	Fusing branch on trunk, 3 leaders, leans 45° to north and west, and grown on stone slope.	N
24	Pinus nigra (Austrian Pine)	~60	8	МН	МН	Р	Co-dominant leaders, and wrap on trunk for pest.	N
25	Picea glauca (White Spruce)	~40	6	Н	Ξ	Р		N
26	Picea glauca (White Spruce)	~35	6	Н	Н	Р		N
27	Picea glauca (White Spruce)	~35	6	Н	Н	Р		N
28	Picea glauca (White Spruce)	~20	4	Н	Н	Р		N
29	Picea glauca (White Spruce)	~35	5	H	H	Р		N
30	Picea glauca (White Spruce) Picea glauca (White Spruce)	~30	5	Н	H	P P	Suppressed at tap 4m	N
31	Acer negundo (Manitoba Maple)	~20 40.5	10	H	М	Р	Suppressed at top 4m. Unbalanced canopy to west, leans 10° to west, and included bark at main union.	N
33	Picea glauca (White Spruce)	~35	5	Н	Н	Р	Unbalanced canopy to east.	N
34	Picea glauca (White Spruce)	~30	5	Н	Н	Р	Unbalanced canopy to southwest.	N
35	Picea glauca (White Spruce)	~20	4	Н	H	Р		N
36	Picea glauca (White Spruce)	~18	4	Н	H	Р	Has wrap on trunk for pest.	N
37	Populus tremuloides (Trembling Aspen)	20	5	ML	ML	Р	Co-dominant leaders with one leader dead, remaining leader has 25% dead branches in lower canopy.	S
38	Populus tremuloides (Trembling Aspen)	18	4	МН	МН	Р	Wound with rot at 0.3m ht.	S

	Species	DВН (сm)	Canopy diameter (m)	Bioglogical Health	Structural Condition	Recommended Action	Comments	Location
39	Populus tremuloides (Trembling Aspen)	20	5	МН	МН	Р	One leader cut at the base with fungus fruiting bodies and 20% of canopy dead particularly in lower canopy.	S
40	Populus tremuloides (Trembling Aspen)	20	7	М	ML	Р	Multiple leaders with included bark at base to 0.3m ht. One leader has 75% of canopy dead 2 leaders are in satisfactory health.	N
41	Acer saccharinum (Silver Maple)	~35 x1, ~30 x1, ~25 x2, ~20 x3, ~15 x3, ~10 x6	14	Н	М	Р	Multiple leaders with numerous points of fusing.	N
42	Picea glauca (White Spruce)	~20	4	М	М	Р	Leader with dieback and new leader emerging.	N
43	Picea glauca (White Spruce)	~15	5	Н	Н	Р	leader errierging.	N
44	Acer platanoides (Norway Maple)	~45	9	Н	Н	Р		N
45	Acer platanoides (Norway Maple)	~25, ~25	9	H	M	Р	Co-dominant leader and included bark.	N
46	Acer platanoides (Norway Maple)	~50	9	Н	H	Р		N
47	Tilia americana (Basswood)	52, 28, 58	10	Н	M	Р	Three leaders with included bark.	S
48	Acer saccharum (Sugar Maple)	48	8	Н	МН	Р	Unbalanced canopy to northwest.	S
49	Acer saccharum (Sugar Maple)	25, 67	12	МН	М	RC	Co-dominant leaders with included bark. The smaller leader is hollow with wound of 25% trunk circumference and main leader leans 10° to south.	S
50	Acer saccharum (Sugar Maple)	65	9	МН	М	RC	Co-dominant leaders, with included bark at base to 4m ht and larger trunk has fallen.	S
51	Acer saccharum (Sugar Maple)	60, 51	12	M	ML	RC	One (1) leader is dead and 2 leaders remain with included bark between, a wound of 50% trunk circumference and a few	S
							large dead branches. Approximately 5 large dead	

	Species	DBH (cm)	Canopy diameter (m)	Bioglogical Health	Structural Condition	Recommended Action	Comments	Location
53	Tilia americana (Basswood)	54, 57	10	ML	ML	RC	One (1) leader remains with five (5) large broken or fallen trunk and four (4) large dead branches.	S
54	Ostrya virginiana (Ironwood)	28, 27	8	Н	Н	RC		S
55	Ostrya virginiana (Ironwood)	31, 30	8	Н	М	Р	Co-dominant leaders with included bark.	S
56	Ostrya virginiana (Ironwood)	35	10	Н	Н	Р		S
57	Fraxinus sp. (Ash)	~30 x4	6	D	D	R	Dead	S
58	Tilia americana (Basswood)	24	6	Н	Н	Р		S
59	Fraxinus sp. (Ash)	65	10	L	L	R	Dying, 50% canopy is dead.	S
60	Crataegus monogyna (European Hawthorn)	25, 25, 30	7	М	М	Р	Canopy is 50% dead, multiple leaders, and a large wound on trunk of 50% circumference.	S
61	Acer saccharum (Sugar Maple)	30	7	M	M	Р	Leader topped and resprouted.	N
62	Acer saccharum (Sugar Maple)	15	4	H	H	Р		S
B1	Juglans cinerea (Butternut)	13	5	МН	М	Р	Has a wound of 30% of trunk circumference from a fallen tree, rot is apparent, but growth is showing at all branch tips.	S
B2	Juglans cinerea (Butternut)	18	5	Н	МН	Р	Fusing branch with trunk leaving wound and growth showing at all branch tips.	S

TREE INVENTORY LEGEND

(High Quality) - Vigorous growth and desirable urban tree

pecies with no apparent symptoms of disease or pests. 1H (Medium-High Quality) - Moderate growth of high quality rban species with minor symptoms of disease that are aesthetic only and have less than 5% dieback.

1 (Medium Quality) - Moderate growth of any species with minor ieback of less than 15% of canopy and/or minor symptoms of isease or pests.

L (Medium-Low Quality) - Low vigour, with dieback of 15% -0% of canopy and/or major symptoms of disease or pests. (Low Quality) - More than 50% of the canopy is dead.

ructural Condition (High Quality) - No apparent defects to root crown, trunk, leader,

r major limbs. ЛН (Medium-High Quality) - No significant defects to root crown or trunk and minor defects to canopy including limbs. 1 (Medium Quality) - Minor defects to important elements (root rown, trunk, leader, and main branch union or major limbs). L (Medium-Low Quality) - Major defects that suggest risk of eclining to low quality within 2-10 years.

(Low Quality) - Major defects that have an immediate risk of

REE INVENTORY LEGEND

ecommended Action

- Remove for poor condition C - Remove for Construction N - To be removed by Neighbour * - Remove with Neighbours Approval R** - Remove with Town's Approval T - Transplant

Comments

В	Borer
BB	Broken or hanging
	branches
BF	Backfilled
CS	Compacted soil
DB	Dead branches
FFB	Fungus Fruiting Bodies
G	Girdling
110	Lazard

IB Included bark _° LS Lean showing direction (i.e. LS=lean south)

2L 2 leaders or codominant stems MB Multibranched node MS/ML Multistem PL Pruned limbs

SU Supressed crown

%TD Percent trunk circumference that is damaged. TH Top heavy UB Unbalanced crown (N,S,E,W indicates weighted side of

TB Torn/broken branch

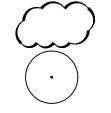
V Vine growing in tree WB Witches broom growth WP Woodpecker damage WS Watersprouts

ZZ Zigzag trunk %D X% crown is dead

LEGEND

Tree protection -solid hoarding

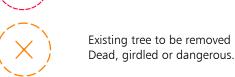
Existing Vegetation Grouping to Remain



Existing tree to be preserved



Existing tree to be removed



LIMITING CONDITIONS:

This tree inventory was derived from data gathered on the site using accepted arboricultural practices. This includes a visual examination of all above ground parts of the tree for structural defects and signs of health and vigour. All examination took place from the ground plane and no trees were cored, probed or climbed. There was also no detailed inspection of the root crown where excavation would have been required.

This inventory describes the health, structural stability and identifies potential hazards of the trees to a reasonable extent. Where dead branches or other are identified in the notes it is the owners responsibility to take action. This inventory does not provide or imply a guarantee that these trees or branches will remain standing intact. The stability of any tree or branches of a tree cannot be predicted with absolute certainty under all

There is, likewise, no guarantee of survival for those trees to be preserved during construction but which are subject to injury. Tree preservation guidelines that are provided in this report are generally suitable for the tree as determined by the visual assessment. However, there is no guarantee that these guidelines will be followed throughout construction unless an arborist is retained for complete supervision of the site at all times. Even with complete supervision, roots in an urban environment are unpredictable. Guidelines, that suppose an even distribution of roots may not be effective in cases where roots have clustered in small areas.

The assessment in this inventory is valid only at the time of inspection.



ISA Certified Arborist ON-1439A Baker Turner Inc.

Note: All Drawings by Baker Turner inc. to be Printed in Colour.

REVISIONS

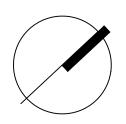
Apr 03, 2024 Issued for Submission

Oct 26, 2022 Issued for Submission Jun 02, 2022 Issued for Client Review

DATE DESCRIPTION

NOTE: Contractor is to check and verify all dimensions and conditions on the project, and is to immediately report any discrepancies to the landscape architect before proceeding with the work.







Landscape Architecture I Site Design

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Tel: (289) 291-7620 email: tba@bakerturner.com

Project Title Carringwood Homes

Hunsden Residential 10249 Hunsden Sideroad Town of Caledon, ON

TREE INVENTORY & PROTECTION PLAN

Date April 2022	Issued
Job Number	Drawn By
BTI-1631	JW, EO
Scale	Checked By
1:1000	JW
Sheet Number TS.1	File Number