



TREE INVENTORY & PRESERVATION PLAN  
1:250

TREE INVENTORY

Tree No.	Tree Species	Diameter at Breast Height (cm)	Canopy (m)	Recommended Action	Health	Structure	Comments	Location		
								Subject Site Tree	Boundary Tree	Municipal Tree
1	Gleditsia triacanthos	37,46	10	RC**	M	M	2L, IB and grafted, PL, WS, branch stubs			X
2	Pinus sylvestris	30	6	P	M	M	PL			X
3	Gleditsia triacanthos	51	6	RC**	M	M	10°L(N) and UB, PL, WS, Crack to 2m			X
4	Gleditsia triacanthos	42	6	RC**	M	M	PL, med DB			X
5	Gleditsia triacanthos	40,56	8	RC**	MH	MH	2L, med DB			X
6	Gleditsia triacanthos	36	4	RC**	M	M	PL(base - 4m), 30°L(E)			X
7	Gleditsia triacanthos	24,36	6	RC**	M	M	2L, 1 leader broken, @2.5, 1 leader SU +UB(N)			X
8	Gleditsia triacanthos	62	10	RC**	H	H	large DB			X
9	Picea pungens	56	7	P	M	M	2L, IB			X
10	Gleditsia triacanthos	28	5	RC**	M	M	20oL(S), WS			X
11	Acer platanoides	20	6	P	M	M	UB(S), slight SU			X
12	Acer negundo	26	4	RC	M	ML	30°L(W), WS		X	
13	Ulmus pumila	30	4	RC	ML	M	topped, WS			X
14	Acer negundo	23,24	4	RC	M	ML	2L, IB, 1 leader 25°L(E), 1 leader broken			X
15	Ulmus pumila	30	5	P	M	M	med DB, WS		X	
16	Ulmus pumila	28,29	5	RC	M	ML	many BB, 2L, IB		X	
17	Acer platanoides	-15	4	P	M	M	SU		X	
18	Pinus nigra	-30	6	P	M	M	diploidea		X	
19	Pinus nigra	-35	6	P	M	M	diploidea		X	
20	Acer negundo						NO LONGER PRESENT			X
21	Acer platanoides	24	5	RC	H	H	grown into fence		X	
22	Malus sp.	14,15, 22	10	RC	M	M			X	
23	Acer negundo	14,17	5	RC	M	ML	1 broken top, 1 leader 30°L(E)		X	
24	Acer negundo	35,37	8	RC	M	ML	ML, WS, broken top, BB all limbs		X	
25	Picea pungens 'glauca'	57	11	RC	H	H			X	
26	Acer platanoides	70	13	RC	H	H	crack to union, 10%TD (base with rot), G(root), med-large DB		X	
27	Acer platanoides	31	11	RC	H	H			X	
28	Acer platanoides	33,35	8	RC	H	M	2L, IB% X			
29	Acer platanoides	26	8	RC	M	M	UB(N), graft		X	
30	Acer platanoides	22	8	RC	M	M	UB(N), graft		X	
31	Pinus	30	4	R	L	L	DEAD		X	
32	Pinus	24	4	R	L	L	DEAD		X	
33	Acer platanoides	36	9	RC	M	M			X	
34	Acer platanoides	32	9	RC	M	M			X	
35	Acer platanoides	43	9	RC	M	ML	curved trunk, small hole (PL), large BB + DB		X	
36	Acer platanoides	33	9	RC	M	M	cracked with 10%TD		X	
37	Acer platanoides	45	10	RC	M	ML	ripped off limb		X	
38	Acer platanoides	17,33	7	RC	ML	ML	UB(S), 40%D, broken branch balancing, 2L, IB		X	
39	Acer platanoides	36	9	RC	M	M	UB(S), med DB		X	
40	Acer negundo	41	7	RC	M	ML	FFB, UB(S), PL(base)		X	
41	Acer negundo	46	8	RC	ML	ML	45°L(W), ripped limbs, PL		X	
42	Acer platanoides	28	7	RC	M	M			X	
43	Acer platanoides	20	2	R	L	L	Topped		X	
44	Acer platanoides	27	8	RC	M	M	UB(S)		X	
45	Acer negundo	47	9	RC	M	L	45oL(N)		X	
46	Acer platanoides	36	8	RC	H	MH	UB(S)		X	
47	Acer negundo	48	10	RC	M	L	45°L(N)		X	
48	Thuja occidentalis	13,14,14,15,22	3	RC	M	M			X	
49	Picea abies	65	9	RC	H	H	G(wire)		X	
50	Acer platanoides	5x15	6	RC*	MH	ML	2L, PL (leader resprouted), UB(W)		X	
51	Ulmus pumila	14,15, 7x15	6	RC*	M	ML	Resprout from stump, ZZ, 15°L(N)		X	
52	Ulmus pumila	16	5	RC*	M	M	15°L(S)		X	
53	Ulmus pumila	14,15,22	6	RC*	M	ML	2 limbs topped, ML		X	
54	Ulmus pumila	24	6	RC*	M	M	2L, IB, ZZ at base, UB(N)		X	
55	Ulmus pumila	14,16	7	RC*	ML	L	2L, broken tops		X	
56	Acer platanoides	34	7	RC*	H	H	grafting with branch		X	
57	Acer platanoides	16,18,19, 22,22	8	RC*	MH	M	ML, IB		X	
58	Acer platanoides	22	7	RC*	MH	M	UB(S), 10°L(S)		X	
59	Acer platanoides	16	7	RC*	MH	M			X	

Trees less than 15cmØ caliper, and large shrubs may exist on the site. It is the contractors responsibility to determine the extent of possible removals by field review prior to submission of quotations for removals work.

TREE PROTECTION RECOMMENDATIONS:

- Install hoarding for subsequent municipal review/approval.
- Hoarding may be moved temporarily to provide access for tree removal only. These trees should be felled away from protected areas to avoid pulling and breaking of roots of trees to remain.
- Pruning, if required, should be done prior to construction and in accordance with current arboricultural practices.
- Storage of any materials, fill, vehicles/equipment, and disposal of liquids is not permitted within 1m of protected areas.
- Excavation in close proximity to protected areas are to be undertaken with a certified arborist present.
- Roots encountered due to excavation are to be cut with a clean sharp blade. Tearing and ripping of roots is not permitted.
- Hydrovac is recommended as the preferred method for excavation, within 1m of protected areas.
- Exposed roots are to be covered immediately with mulch or topsoil and watered thoroughly. A light coloured tarpaulin may also be used to prevent root desiccation.
- Deep root fertilize (3:1:1) following backfilling.
- Trees should be re-assessed periodically in order to maintain an up to date understanding of health and structure.

York Region Notes:

- All trees located on the regional road allowance to be preserved shall conform to the following requirements
- All trees preservation shall be in accordance with the York Region Street Tree and Forest Preservation Guidelines
- York Region NHF shall be notified when tree protection measures have been installed
- All tree protection fencing shall be installed prior to construction and must remain in good repair for the duration of construction
- At the sole discretion of YR NHF any existing trees that die or exhibit a decline in health prior to final acceptance shall be replaced or compensation shall be provided

TREE INVENTORY LEGEND

- Biological Health**  
 H (High) - No apparent diseases or symptoms, moderate to high vigour.  
 M (Medium) - Minor diseases and/or symptoms, moderate vigour.  
 L (Low) - Major disease and/or symptoms, poor vigour.
- Structural Condition**  
 H (High) - No defects, well-developed crown.  
 M (Medium) - Minor structural defects.  
 L (Low) - Major structural defects.
- Recommended Action**  
 P - Preserve  
 R - Remove for poor condition  
 RC - Remove for Construction  
 RC\* - Remove with Neighbours Approval  
 RC\*\* - Remove with Towns Approval  
 T - Transplant
- Comments**  
 B - Borer  
 BF - Backfilled  
 CS - Compacted soil  
 DB - Dead branches  
 G - Girdling  
 HA - Hazard  
 IB - Included bark  
 -LS - Lean showing direction (i.e. LS=lean south)  
 ZL - 2 leaders or codominant stems  
 MB - Multibranching node  
 MS/ML - Multistem  
 PL - Pruned limbs  
 SU - Suppressed crown  
 TB - Torn/broken branch  
 TD - Trunk damage  
 TH - Top heavy  
 UB - Unbalanced crown (N,S,E,W indicates weighted side of crown)  
 V - Vine growing in tree  
 WB - Witches broom growth  
 WP - Woodpecker damage  
 WS - Watersprouts  
 ZZ - Zigzag trunk  
 %D - % crown is dead

**LEGEND**

- Property Line
- Heavy Duty Plywood Tree Protection (Fencing)
- Existing Vegetation Grouping to be Removed
- Existing tree to be preserved
- Existing tree to be removed
- Existing tree to be removed Dead, girdled or dangerous.

**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 circumstances.  
 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.

**CERTIFIED ARBORIST**  
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**REVISIONS**

DATE	DESCRIPTION
17 Aug 2019	Reissued for SPA
14 May 2019	Issued for Review
30 Aug 2017	Revised for Site Plan Approval Submission
01 Mar 2015	Issued for Coordination
30 Jan, 2015	Issued for Client Review

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.

**OMA** (Ontario Municipal Association)  
**BTi** (Baker Turner Inc.)  
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Project Title  
**Keele St. Townhouses**  
 9785, 9797 Keele Street  
 Vaughan, ON

**TREE INVENTORY & PRESERVATION PLAN**

Date	Issued
November, 2014	
Job Number	Drawn By
BTI-1211	JW, NT, MY
Scale	Checked By
AS SHOWN	TT
Sheet Number	File Number
T.1 of 2	