

TREE INVENTORY

Tree No.	Tree Species	Diameter at Breast Height (cm)	Canopy (m)	Recommended Action	Health	Structure	Comments
1	Gleditsia triacanthos	37,46	10	RC**	М	M	2L, IB and grafted, PL, WS, branch stubs
2	Pinus sylvestris	30	6	P	M	M	PL
3 4	Gleditsia triacanthos	51 42	6 6	RC**	M	M	10°L(N) and UB, PL, WS. Crack to 2m
4 5	Gleditsia triacanthos Gleditsia triacanthos	42	8	RC**	M MH	M MH	PL, med DB 2L, med DB
6	Gleditsia triacanthos	36	4	RC**	M	M	PL(base - 4m), 30°L(E)
7	Gleditsia triacanthos	24,36	6	RC**	M	м	2L, 1 leader broken, @2.5, 1 leader SU
8	Gleditsia triacanthos	62	10	RC**	Н	Н	+UB(N) large DB
9	Picea pungens	56	7	P	M	M	2L, IB
10	Gleditsia triacanthos	28	5	RC**	M	M	20oL(S), WS
	Acer platanoides	20	6	Р	М	M	UB(S), slight SU
12	Acer negundo	26	4	RC	М	ML	30°L(W), WS
13	Ulmus pumila	30	4	RC	ML	M	topped, WS
14	Acer negundo	23,24	4	RC	М	ML	2L, IB, 1 leader 25°L(E), 1 leader broken
15	Ulmus pumila	30	5	Р	М	M	med DB, WS
	Ulmus pumila	28,29	5	RC	Μ	ML	many BB, 2L, IB
	Acer platanoides	~15	4	Р	М	M	SU
	Pinus nigra	~30	6	P	Μ	M	diplodea
	Pinus nigra	~35	6	P	Μ	M	
	Acer negundo	24	F		11	11	NO LONGER PRESENT
	Acer platanoides Malus sp.	24 14,15, 22	5 10	RC RC	H M	H M	grown into fence
	Acer negundo	14, 13, 22	5	RC	M	ML	1 broken top, 1 leader 30°L(E)
	Acer negundo	35,37	8	RC	M	ML	ML, WS, broken top, BB all limbs
	Picea pungens 'glauca'	57	11	RC	H	H	
26	Acer platanoides	70	13	RC	Н	Н	crack to union, 10%TD (base with rot), G(root med-large DB
27	Acer platanoides	31	11	RC	Н	Н	
	Acer platanoides	33,35	8	RC	H	M	2L, IB%
	Acer platanoides	26	8	RC	М	M	UB(N), graft
30	Acer platanoides	22	8	RC	М	M	UB(N), graft
31	Pinus	30	4	R	L	L	DEAD
32	Pinus	24	4	R	L	L	DEAD
	Acer platanoides	36	9	RC	M	M	
34 35	Acer platanoides Acer platanoides	32 43	9 9	RC RC	M M	M ML	ounred trunk, amall halo (DL) Jarga PR + DR
	Acer platanoides	33	9	RC	M	M	curved trunk, small hole (PL), large BB + DB cracked with 10%TD
	Acer platanoides	45	10	RC	M	ML	ripped off limb
	Acer platanoides	17,33	7	RC	ML	ML	UB(S), 40%D, broken branch balancing, 2L, I
39	Acer platanoides	36	9	RC	М	M	UB(S), med DB
	Acer negundo	41	7	RC	М	ML	FFB, UB(S), PL(base)
41	Acer negundo	46	8	RC	ML	ML	45°L(W), ripped limbs, PL
42	Acer platanoides	28	7	RC	М	M	
43	Acer platanoides	20	2	R	L	L	Topped
44	Acer platanoides	27	8	RC	М	M	UB(S)
	Acer negundo	47	9	RC	M	L	45oL(N)
46	Acer platanoides	36	8	RC	H	MH	UB(S)
47	Acer negundo	48	10	RC	М	L	45°L(N)
48	Thuja occidentalis	13,14,14 15,22	3	RC	M	М	
49 50	Picea abies Acer platanoides	65 5x15	9 6	RC*	H MH	H	G(wire) 2L, PL (leader resprouted), UB(W)
50		14,15,	0	RC		ML	ZL, PL (leader lespiouled), OB(W)
51	Ulmus pumila	7x15	6	RC*	M	ML	Resprout from stump, ZZ, 15°L(N)
52	Ulmus pumila	16	5	RC*	М	М	15°L(S)
	Ulmus pumila	14,15,22	6	RC*	M	ML	2 limbs topped, ML
-	Ulmus pumila	24	6	RC*	M	M	2L, IB, ZZ at base, UB(N)
55 56	Ulmus pumila	14,16 34	7	RC*	ML	L	2L, broken tops
56 57	Acer platanoides Acer platanoides	16,18,19	7 8	RC*	н мн	H M	grafting with branch ML, IB
58	Acer platanoides	22,22 22	7	RC*	MH	М	
58 59	Acer platanoides	16	7	RC*	MH	M	UB(S), 10°L(S)
79		10	1	INC.		IVI	

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. • Hydrovacing 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 pr compensation shall be provided

	1	Locatio	1
	Subject Site Tree	Boundary Tree	X X X X X X X X X X X X X X X X X X X
	.,		X
			X
_			X
			Х
_			Х
			Х
			X
			X
			Х
_	X		
	X		
	X X X X	Х	
-	X	X X X X X	
		X	
	Y	X	
	X X X X X X		
	Х		
_	X		
	X		
ot),	X X		
	Х		
_	X		
	X		
	X		
-	X		
	Х		
5	X		
	X		
IB	X X X X X X X X X X X X X X		
	Х		
-+	X		
	X		
	X		
+	X		
	X		
-	X X X X X X X X X X X X X X		
	X X		
	Х	Х	
		x	
		Х	
		X X	
		X	
-		X X	
		X X X X	
+		X	
+		X	

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 Town's Approval T - Transplant

<u>Comments</u>

- Borer В BF Backfilled
- CS Compacted soil Dead branches
- DB G Girdling
- HA Hazard
- Included bark IB
- _° LS Lean showing direction (i.e. LS=lean south) 2 leaders or codominant stems
- MB Multibranched node MS/ML Multistem
- Pruned limbs PL
- Supressed crown SU ΤВ Torn/broken branch
- TD Trunk damage
- TH Top heavy UB Unbalanced crown (N,S,E,W indicates
- weighted side of crown)
- Vine growing in tree V
- WB Witches broom growth WP Woodpecker damage
- WS Watersprouts
- ZZ Zigzag trunk _%D X% crown is dead

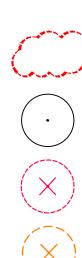
ATTACHMENT 10

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.



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REVISIONS

17 Aug 2019 Reissued for SPA 14 May 2019 Issued for Review

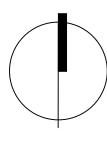
30 Aug 2017 Revised for Site Plan Approval Submission 01 Mar 2015 Issued for Coordination

30 Jan, 2015 Issued for Client Review

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.







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Project Title

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TREE INVENTORY & PRESERVATION PLAN

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