

Restoration:

- Compensation for the removal of trees will be required. Refer to the EIR for restoration areas and details.

LEGEND

Forest and Tree Inventory

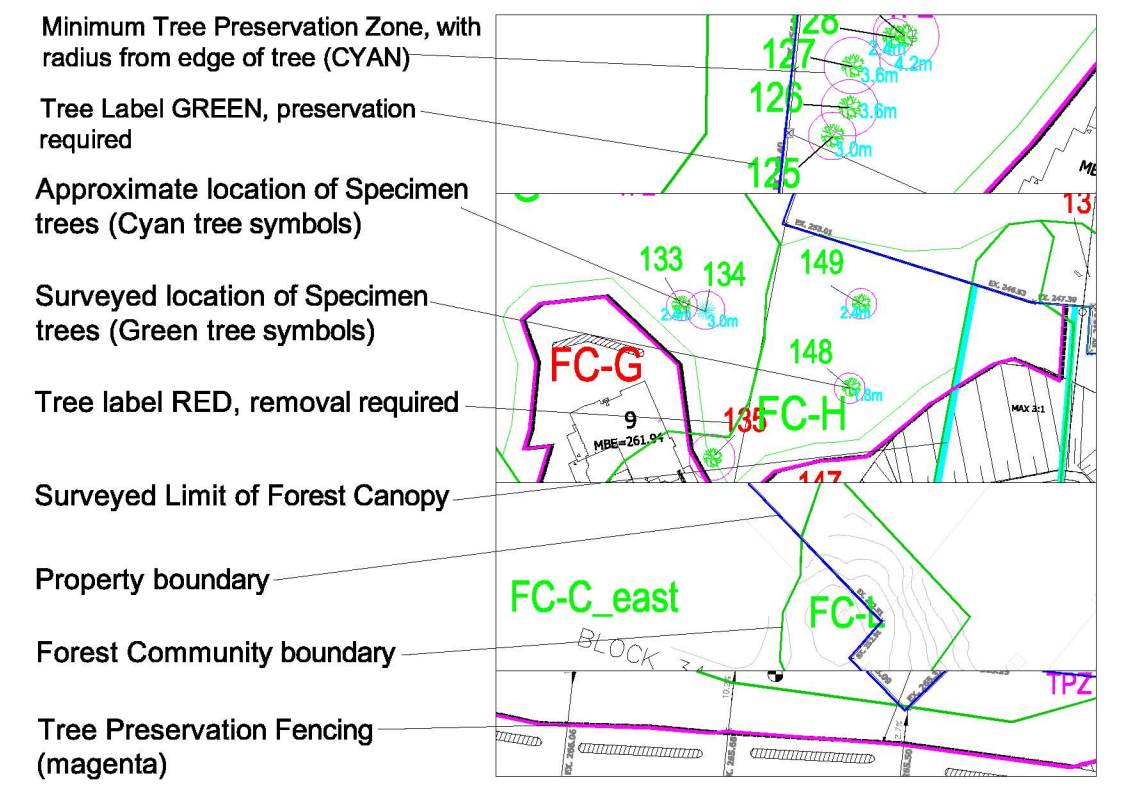
Refer to the EIR for the forest assessment and tree inventory. All tree resources and vegetation communities located within subject property's limits were included in the inventory.

Tree Removals

The removal of 21 specimen trees and most vegetation communities is required to accommodate current site planning including earth works and construction. Required tree removals are indicated with RED Labels.

Tree Preservation

Preservation of Trees 1-P7 and 125-132 and portions of select vegetation communities may be possible as indicated with GREEN labels. Minimum Tree Preservation Zones and required Tree Preservation Fencing are indicated with MAGENTA. TPZ circles represent minimum distances for construction and grading near trees. Fencing is only required on subject property. Refer to Tree Protection Plan Notes for preservation details.



Tree Protection Plan Notes

TREE PROTECTION ZONE: Note: No construction activity including grade changes, surface treatments or excavations of any kind is permitted within the area identified on this plan as a Tree Protection Zone (TPZ). No root cutting is permitted. No storage of materials or fill is permitted within the TPZ. No movement or storage of vehicles or equipment is permitted within the TPZ. The area(s) identified as a TPZ must remain undisturbed at all times.

TREE PROTECTION BARRIERS: Paige wire fencing with siltation control fabric placed on metal T-bars at 3 metre centers is required as tree protection barriers or as permitted by the Town of Halton Hills. All supports and backfilling of earth or gravel to safely secure the barrier should be inside the Tree Protection Zone (TPZ). All such supports and bracing should minimize damage to roots outside the TPZ.

General Note: Prior to the commencement of any site activity the tree protection barriers specified on this plan must be installed and notice provided to Town of Halton Hills Staff. The tree protection barriers must remain in effective condition until all site activities including landscaping are complete. A Tree Protection Zone sign supplied by the Town of Halton Hills must be attached to front of the barrier. Written notice must be provided to the Town of Halton Hills Planning Department prior to the removal of the tree protection barriers.

ARBORICULTURAL WORK: Note: Any roots or branches which extend beyond the tree protection zone(s) indicated on this plan which require pruning, must be pruned by a Qualified Arborist or other tree professional as approved by the Town of Halton Hills. All pruning of tree roots and branches must be in accordance with good arboricultural standards.

	Issue/Revisions	Date	By
1	Report Submission	Aug 08	JR
2	Report Revisions	Nov 12	CB
3	Report Revisions	Feb 13	CB
4	Report Revisions	June '16	CB
5	Report Revisions	Jan. '17	CB
6	Report Revisions	Feb. '18	CB
7	Figure Revisions - new grading plan	Feb. '19	CB
8	Figure Revisions - discussion with Town	Mar. '19	CB

Base Data: Tom Kromar (Survey), Condeland Engineering Ltd. (Site Plan)

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**Topographic and Proposed Site Plan
 Tree Inventory and Preservation Plan**

Project	P213	Figure	1
Date	March 2019		
Scale	1:1700		



Table 1 - Tree Inventory - Specimen Trees

Tree #	Scientific Name	Common Name	DBH	TI	CS	CV	CDB	Comments
1	<i>Fagus grandifolia</i>	American Beech	60	P-F	F	P-F		Stem wound (M), epicormic branching (M), broken branch wounds (M), beech bark disease
2	<i>Fagus grandifolia</i>	American Beech	-89	P-F	F	P-F		Cavity (L), beech bark disease, deadwood (M)
3	<i>Fagus grandifolia</i>	American Beech	-38	F	F	P-F		Beech bark disease
4	<i>Fagus grandifolia</i>	American Beech	-55	F	F	P-F		Beech bark disease, deadwood (M)
5	<i>Fagus grandifolia</i>	American Beech	-15	F	F	P-F		Beech bark disease
6	<i>Picea glauca</i>	White Spruce	-15	G	F	F		Lost leader
P7	<i>Thuja occidentalis</i>	Eastern White Cedar	-18-24	G	G	G		3 trees
8	<i>Thuja occidentalis</i>	Eastern White Cedar	30	G	G	G		
9	<i>Thuja occidentalis</i>	Eastern White Cedar	13-25	G	G	G		Multi-stemmed
10	Crabapple	<i>Malus pumila</i>	14	P	P	P		Stem is leaning severely, brooming
11	<i>Fraxinus pennsylvanica</i>	Green Ash	25	G-F	G-F	G-F		Evidence of early EAB activity
12	<i>Fraxinus pennsylvanica</i>	Green Ash	14	G	G	F		Evidence of pruning
13	<i>Juglans nigra</i>	Black Walnut	16	G-F	G-F	G-F		
113	<i>Pinus strobus</i>	White Pine	25	G	G	G		Lost leader, exposed roots (L)
114	<i>Ulmus americana</i>	White Elm	34	G	G	G		Co-dominance @ 2m
115	<i>Fraxinus americana</i>	White Ash	25	G	G	G		Grapevine competition (M)
116	<i>Prunus serotina</i>	Black Cherry	34.5	G	G	G		Co-dominance @ 2 m.
117	<i>Fraxinus americana</i>	White Ash	31	G	G	F	30	
118	<i>Juglans nigra</i>	Black Walnut	25	G	G-F	20		Grapevine competition (M)
119	<i>Fraxinus americana</i>	White Ash	34	G	G	G	15	
120	<i>Fraxinus americana</i>	White Ash	26	G	G	F	20	
122	<i>Juglans nigra</i>	Black Walnut	44	G	G	G		Grapevine competition (M)
123	<i>Juglans nigra</i>	Black Walnut	25	G	G	G		
124	<i>Juglans nigra</i>	Black Walnut	25	G	G	G	10	Grapevine competition (L)
125	<i>Tilia americana</i>	American Basswood	-22-43	F	G	G-F		Co-dominance @ base, stems fused, broken branches (L), decay at base, diseased
126	<i>Tilia americana</i>	American Basswood	54	G	G	G-F		Diseased
127	<i>Tilia americana</i>	American Basswood	50	G	G	G-F		Diseased
128	<i>Pinus strobus</i>	White Pine	36	G	G	G		Broken branches (L), grapevine competition (L), stem wounds (L), barbwire embedded in trunk
129	<i>Pinus strobus</i>	White Pine	69	G	G	G		Broken branches (L), grapevine competition (L), barbwire embedded in trunk
130	<i>Fraxinus americana</i>	White Ash	27	G	G	G		
131	<i>Fraxinus americana</i>	White Ash	27	G	G	G		
132	<i>Fraxinus americana</i>	White Ash	30	G	G	G		
133	<i>Pinus strobus</i>	White Pine	35.5	G	G	G		Broken branches (L)
134	<i>Pinus strobus</i>	White Pine	41.5	G	G	G		Broken branches (L)
135	<i>Acer saccharum ssp.</i>	Sugar Maple	53.5	G	G	G		Stem wounds (L)
136	<i>Fraxinus americana</i>	White Ash	32	F	F	F		Broken branches (L), grapevine competition (M)
137	<i>Juglans nigra</i>	Black Walnut	28	G	G	G		Grapevine competition (L)
138	<i>Juglans nigra</i>	Black Walnut	25	G	G	G		
139	<i>Juglans nigra</i>	Black Walnut	36	G	G	G		
140	<i>Juglans nigra</i>	Black Walnut	30	G	G	G		Grapevine competition (M)
141	<i>Juglans nigra</i>	Black Walnut	31.5	G	G	G	15	Grapevine competition (L)
142	<i>Fraxinus americana</i>	White Ash	26	G	G	G	20	Co-dominance @ base, pruning wounds (L)
143	<i>Juglans nigra</i>	Black Walnut	30	G	G	G	10	Grapevine competition (L), stem wounds (L)
144	<i>Acer saccharum ssp.</i>	Sugar Maple	29	G	G	G		Co-dominance @ 3 m, canker (L)
145	<i>Juglans nigra</i>	Black Walnut	25.31	F	G	G		Co-dominance @ 1 m, grapevine competition (L), stem wounds (L)
146	<i>Juglans nigra</i>	Black Walnut	26	G	G	F	20	Grapevine competition (M)
147	<i>Fraxinus americana</i>	White Ash	27	G	G	F	20	
148	<i>Juglans nigra</i>	Black Walnut	25.5	G	G	G-F	15	Grapevine competition (L)
149	<i>Fraxinus americana</i>	White Ash	33	G	G-F	G		Grapevine competition (M)

Codes	
TI	Trunk Integrity
CS	Crown Structure
CV	Crown Vigor
G	Good
F	Fair
L	Light
M	Moderate
H	Heavy
D	Dead