



September 11, 2025

**ARBORIST REPORT**  
9094 Regional Road 25, Halton Hills, Ontario

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**BACKGROUND**

MHBC was retained to conduct an inventory of the existing trees within the boundaries of the property known as 9094 Regional Road 25, as they pertain to the Town of Halton Hills Tree By-laws. This investigation examined 235 trees and 1 tree grouping within and around the subject property. Field work was completed September 3, 2025, this report relates to the condition of the trees at that time.

**PROCEDURE**

The on-site inventory of existing trees was carried out using an EOS Arrow 100+ Submeter GNSS receiver unit and relies on the accuracy of the GNSS receiver unit. The inventory includes trees within the site boundary, trees within 6.0 metres of the site boundary and all Town owned trees along the adjacent boulevards.

This inventory is summarized graphically in the Tree Inventory Plans TI-1 – TI-12, which shall always be read in conjunction with this report and shall form part of this report. For the purposes of this report, trees and groupings of trees are identified in terms of species, size, condition, and recommendations.

The following rating system was used in describing the general condition of the trees inventoried:

- Good: Indicates a condition of vigor and no major concerns.
- Fair: Indicates an adequate tree, which may have some minor issues.
- Poor: Indicates declining health, bad form, or other more serious issues.
- Dead: Indicates a dead tree that should be removed.

**ASSUMPTIONS AND LIMITING CONDITIONS**

- All data provided to MHBC has been verified insofar as possible and is assumed to be correct.
- It is assumed that the properties are not in violation of any applicable codes, ordinances, statutes, or other governmental regulations.
- Unless otherwise required by law, possession of this report or a copy thereof does not imply right of publication or use for any purpose in whole or in part by any other than the person or company by whom it was commissioned.
- The use of excerpts from this report or alterations to this report, without the authorization of MHBC Planning will invalidate the entire report. This report may not be used for any purpose other than its intended purpose as outlined.

- Unless expressed otherwise: 1) information contained in this report covers only those items that were examined and reflect the condition of those items at the time of inspection; and 2) the inspection is limited to visual examination or accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies in the plants inventoried may not arise in the future.
- The determination of ownership of any subject tree(s) is the responsibility of the owner and any civil or common-law issues, which may exist between property owners with respect to trees, must be resolved by the owner. The recommendation to remove or maintain any tree(s) does not grant authority to encroach in any manner onto adjacent private properties.

## SUMMARY OF TREES INVENTORIED

Tree #	Common Name	Botanical Name	DBH (CM)	Condition	Comments	Recommendation
701	Russian Olive	Elaeagnus angustifolia	66	F		Remove due to construction
702	White Pine	Pinus strobus	78	F		Remove due to construction
703	White Pine	Pinus strobus	54	F/P	3.0 metre vertical cavity starting at base on north side of tree	Remove due to construction
704	Black Walnut	Juglans nigra	18	F		Remove due to construction
705	Sugar Maple	Acer saccharum	46	F		Remove due to construction
706	Norway Maple	Acer platanoides	38	F	Minor deadwood throughout, mildew disease evident	Remove due to construction
707	Colorado Blue Spruce	Picea pungens var. glauca	48	F		Remove due to construction
708	White Pine	Pinus strobus	80	F	Minor deadwood throughout	Remove due to construction
709	Ornamental Pear	Pyrus calleryana	37	F	Minor deadwood throughout	Remove due to construction
710	White Pine	Pinus strobus	56	F	Minor deadwood throughout	Remove due to construction
711	White Pine	Pinus strobus	72	F	Minor deadwood throughout	Remove due to construction
712	Flowering Crabapple Tree	Malus Sp.	42	F	Minor deadwood throughout	Remove due to construction
713	Sugar Maple	Acer saccharum	23	F		Remove due to construction
714	White Pine	Pinus strobus	65	D	Tree is 100% dead	Remove due to construction

715	White Pine	<i>Pinus strobus</i>	64	F	Moderate deadwood throughout	Remove due to construction
716	White Pine	<i>Pinus strobus</i>	63	F/P	Moderate deadwood throughout	Remove due to construction
717	White Pine	<i>Pinus strobus</i>	57	D	Tree is 100% dead	Remove due to construction
718	White Pine	<i>Pinus strobus</i>	58	F	Minor deadwood throughout	Remove due to construction
719	White Pine	<i>Pinus strobus</i>	81	P/D	Co-dominant at 3.0 metres, one main limb is 100% dead	Remove due to construction
720	White Pine	<i>Pinus strobus</i>	~98	F	Minor deadwood throughout, vines growing throughout	Remove due to construction
721	Shagbark Hickory	<i>Carya ovata</i>	20	F	Vines growing throughout	Remove due to construction
722	White Pine	<i>Pinus strobus</i>	~87	F/P	Internal rot evident, vines growing throughout, minor deadwood throughout, multiple contorted limbs	Remove due to construction
723	Black Walnut	<i>Juglans nigra</i>	40	F	Vines growing throughout	Remove due to construction
724	White Pine	<i>Pinus strobus</i>	~82	F	Minor deadwood throughout, vines growing throughout	Remove due to construction
726	White Pine	<i>Pinus strobus</i>	~65	D	Tree is 100% dead	Remove due to construction
727	White Pine	<i>Pinus strobus</i>	49	F	Minor deadwood throughout, vines growing throughout	Remove due to construction
728	White Pine	<i>Pinus strobus</i>	79	F	Minor deadwood throughout, vines growing throughout	Remove due to construction
725	White Pine	<i>Pinus strobus</i>	69	F	Minor deadwood throughout, vines growing throughout	Remove due to construction
729	Black Walnut	<i>Juglans nigra</i>	24	F	Vines growing throughout	Remove due to construction
730	Burr Oak	<i>Quercus macrocarpa</i>	29	F/P	Vines growing throughout	Remove due to construction
731	Burr Oak	<i>Quercus macrocarpa</i>	25	F/P	Vines growing throughout	Remove due to construction
732	Black Walnut	<i>Juglans nigra</i>	52	F/G	Minor deadwood throughout	Remove due to construction
733	Burr Oak	<i>Quercus macrocarpa</i>	25	F		Retain
734	White Pine	<i>Pinus strobus</i>	56	F		Retain
735	Red Maple	<i>Acer rubrum</i>	50	F	Minor deadwood throughout	Retain
736	Basswood	<i>Tilia americana</i>	26	F	Multi-stem	Retain
737	Basswood	<i>Tilia americana</i>	28	F	Multi-stem	Retain
738	Basswood	<i>Tilia americana</i>	22	F	Multi-stem	Retain

739	Red Maple	Acer rubrum	70	F	Minor deadwood throughout, water shoots throughout	Retain
740	Norway Maple	Acer platanoides	56	F	Minor deadwood throughout	Retain
741	Norway Maple	Acer platanoides	22	F	Multi-stem, mildew disease evident	
742	Sugar Maple	Acer saccharum	36	F		Retain
743	Norway Maple	Acer platanoides	45	F	Minor deadwood throughout, mildew disease evident	Retain
744	Norway Maple	Acer platanoides	55	F	Minor deadwood throughout, mildew disease evident	Retain
745	Norway Maple	Acer platanoides	51	F	Minor deadwood throughout, mildew disease evident	Retain
746	Colorado Blue Spruce	Picea pungens var. glauca	60	F	Minor deadwood throughout	Remove due to construction
747	Burr Oak	Quercus macrocarpa	81	F	Minor deadwood throughout	Remove due to construction
748	White Pine	Pinus strobus	70	F/P	Minor deadwood throughout, imbalanced canopy	Retain
749	White Pine	Pinus strobus	60	P/D	Significant deadwood throughout, internal rot column suspected, tree is 95% dead	Remove due to condition
750	Silver Maple	Acer saccharinum	99	F		Retain
751	Silver Maple	Acer saccharinum	49	P	Moderate deadwood throughout, tree is in decline	Retain
752	Silver Maple	Acer saccharinum	48	F	Minor deadwood throughout, mildew disease evident	Retain
753	Silver Maple	Acer saccharinum	106	F	Minor deadwood throughout	Retain
754	Silver Maple	Acer saccharinum	40	P/D	Significant deadwood throughout, tree is 99% dead	Remove due to condition
755	Red Maple	Acer rubrum	23	F	2 stem at 1.1 metres	Retain
756	Burr Oak	Quercus macrocarpa	26	F	Minor deadwood throughout	Retain
757	Silver Maple	Acer saccharinum	63	F	Minor deadwood throughout	Retain
758	White Pine	Pinus strobus	55	F	Mild lean, minor deadwood throughout	Retain
759	Black Walnut	Juglans nigra	38	F		Retain
760	White Pine	Pinus strobus	41	F		Retain
761	White Pine	Pinus strobus	49	P	Minor deadwood throughout, elevated canopy	Retain
762	White Pine	Pinus strobus	27	F	Minor deadwood throughout	Retain
763	White Pine	Pinus strobus	48	F	Minor deadwood throughout	Retain
764	White Pine	Pinus strobus	46	F		Retain
765	White Pine	Pinus strobus	43	F	Minor deadwood throughout	Remove due to construction

766	White Pine	<i>Pinus strobus</i>	45	F	Minor deadwood throughout	Remove due to construction
767	White Pine	<i>Pinus strobus</i>	52	F	Minor deadwood throughout	Remove due to construction
768	White Pine	<i>Pinus strobus</i>	60	F	Minor deadwood throughout	Remove due to construction
769	Norway Maple	<i>Acer platanoides</i>	27	F	Mild lean	Retain
770	Cherry Sp.	<i>Prunus Sp.</i>	27	F		Retain
771	Scots Pine	<i>Pinus sylvestris</i>	41	F		Retain
772	Norway Maple	<i>Acer platanoides</i>	19	F	Mildew disease evident	Retain
773	Scots Pine	<i>Pinus sylvestris</i>	30	P	Imbalanced, elevated, and sparse canopy	Retain
774	Scots Pine	<i>Pinus sylvestris</i>	28	F	Elevated canopy	Retain
775	Scots Pine	<i>Pinus sylvestris</i>	24	F		Retain
776	Scots Pine	<i>Pinus sylvestris</i>	26	F		Retain
777	Basswood	<i>Tilia americana</i>	30	P	Significant deadwood in upper canopy	Retain
778	Scots Pine	<i>Pinus sylvestris</i>	34	F		Retain
779	Red Maple	<i>Acer rubrum</i>	16	F		Retain
780	Scots Pine	<i>Pinus sylvestris</i>	27	F	Imbalanced canopy	Retain
781	Sugar Maple	<i>Acer saccharum</i>	12	F		Retain
782	Scots Pine	<i>Pinus sylvestris</i>	31	F	Minor deadwood throughout	Retain
783	Scots Pine	<i>Pinus sylvestris</i>	27	F		Retain
784	Sugar Maple	<i>Acer saccharum</i>	17	F	Growing within adjacent Scots Pine	Retain
785	Scots Pine	<i>Pinus sylvestris</i>	19	F		Retain
786	Basswood	<i>Tilia americana</i>	27	P/D	Significant deadwood throughout, main leader dead	Retain
787	Black Walnut	<i>Juglans nigra</i>	25	F	Vines growing throughout	Remove due to construction
788	Balsam Fir	<i>Abies balsamea</i>	~57	F		Remove due to construction
789	Burr Oak	<i>Quercus macrocarpa</i>	28	F	Minor deadwood throughout, vines growing throughout	Remove due to construction
790	Balsam Fir	<i>Abies balsamea</i>	48	F	Co-dominant at 1.2 metres	Remove due to construction
791	Balsam Fir	<i>Abies balsamea</i>	42	F/P	2 stem at 1.1 metres, moderate deadwood throughout	Retain
792	Balsam Fir	<i>Abies balsamea</i>	~51	F/P	2 stem at 1.3 metres, moderate deadwood throughout	Retain
793	Elm Sp.	<i>Ulmus Sp.</i>	20	F/P		Retain
794	Black Walnut	<i>Juglans nigra</i>	76	F	Vines growing throughout	Retain

795	Black Walnut	<i>Juglans nigra</i>	19	F	2 stem at 0.5 metres, vines growing throughout	Retain
796	Flowering Crabapple Tree	<i>Malus Sp.</i>	~88	P	Moderate deadwood throughout, major limb failure previously, water shoots throughout, vines growing throughout	Remove due to construction
797	Flowering Crabapple Tree	<i>Malus Sp.</i>	26	F/P	Moderate deadwood throughout, internal rot evident	Remove due to construction
798	Flowering Crabapple Tree	<i>Malus Sp.</i>	18	P	Main limb dead, internal rot evident	Remove due to construction
799	Flowering Crabapple Tree	<i>Malus Sp.</i>	32	P	Major limb previously failed, internal rot evident, water shoots throughout	Remove due to construction
800	Flowering Crabapple Tree	<i>Malus Sp.</i>	22	F		Remove due to construction
801	Flowering Crabapple Tree	<i>Malus Sp.</i>	27	F	Multi-stem, minor deadwood throughout	Remove due to construction
802	Burr Oak	<i>Quercus macrocarpa</i>	19	F	Vines growing throughout	Remove due to construction
803	Flowering Crabapple Tree	<i>Malus Sp.</i>	53	P/D	Major limb previously failed resulting in large cavity at main union, internal rot evident, tree is 80% dead	Remove due to construction
804	Sugar Maple	<i>Acer saccharum</i>	28	F	Bow at base, 2 stem at 0.9 metres	Remove due to construction
805	Burr Oak	<i>Quercus macrocarpa</i>	28	F	Minor deadwood throughout	Remove due to construction
806	Siberian Elm	<i>Ulmus pumila</i>	30	F	Minor deadwood throughout	Remove due to construction
807	Burr Oak	<i>Quercus macrocarpa</i>	18	F	Minor deadwood throughout	Remove due to construction
808	Sugar Maple	<i>Acer saccharum</i>	17	F		Remove due to construction
809	Burr Oak	<i>Quercus macrocarpa</i>	19	F	Minor deadwood throughout	Remove due to construction
810	Cherry Sp.	<i>Prunus Sp.</i>	30	F/P	Elevated canopy, minor deadwood throughout	Remove due to construction
811	Burr Oak	<i>Quercus macrocarpa</i>	21	F	Minor deadwood throughout	Remove due to construction
812	Sugar Maple	<i>Acer saccharum</i>	46	F		Remove due to construction
813	Sugar Maple	<i>Acer saccharum</i>	35	F		Remove due to construction

814	Burr Oak	<i>Quercus macrocarpa</i>	30	F/P	Moderate deadwood throughout, vines growing throughout	Remove due to construction
815	Burr Oak	<i>Quercus macrocarpa</i>	35	F	Minor deadwood throughout	Remove due to construction
816	Burr Oak	<i>Quercus macrocarpa</i>	39	F	Minor deadwood throughout	Remove due to construction
817	Sugar Maple	<i>Acer saccharum</i>	17	F		Remove due to construction
818	Burr Oak	<i>Quercus macrocarpa</i>	~68	F	Minor deadwood throughout	Remove due to construction
819	Burr Oak	<i>Quercus macrocarpa</i>	39	F	Minor deadwood throughout	Remove due to construction
820	Burr Oak	<i>Quercus macrocarpa</i>	38	F	Minor deadwood throughout, vines growing throughout	Remove due to construction
821	Sugar Maple	<i>Acer saccharum</i>	~110	F/P	Internal rot evident, multiple major limbs previously failed	Remove due to construction
822	Sugar Maple	<i>Acer saccharum</i>	92	F		Remove due to construction
823	Sugar Maple	<i>Acer saccharum</i>	20	F		Remove due to construction
824	Burr Oak	<i>Quercus macrocarpa</i>	52	F		Remove due to construction
825	Burr Oak	<i>Quercus macrocarpa</i>	~98	F	Minor deadwood throughout	Remove due to construction
826	Burr Oak	<i>Quercus macrocarpa</i>	~78	F	2 stem at 1.0 metre, minor deadwood throughout	Remove due to construction
827	American Elm	<i>Ulmus americana</i>	33	F	Elevated canopy	Remove due to construction
828	Sugar Maple	<i>Acer saccharum</i>	19	F		Remove due to construction
829	Burr Oak	<i>Quercus macrocarpa</i>	63	D	Tree is 100% dead	Remove due to construction
830	Sugar Maple	<i>Acer saccharum</i>	19	F		Remove due to construction
831	Burr Oak	<i>Quercus macrocarpa</i>	91	F	Minor deadwood throughout	Remove due to construction
832	American Elm	<i>Ulmus americana</i>	25	F	Irregular form, mild lean	Remove due to construction
833	Burr Oak	<i>Quercus macrocarpa</i>	~92	F	Minor deadwood throughout	Remove due to construction
834	Burr Oak	<i>Quercus macrocarpa</i>	~75	F	Minor deadwood throughout	Remove due to construction

835	Burr Oak	<i>Quercus macrocarpa</i>	25	F	Vines growing throughout	Remove due to construction
836	Burr Oak	<i>Quercus macrocarpa</i>	29	F	Vines growing throughout	Remove due to construction
837	Burr Oak	<i>Quercus macrocarpa</i>	27	F	Vines growing throughout	Remove due to construction
838	Burr Oak	<i>Quercus macrocarpa</i>	30	F	Vines growing throughout, minor deadwood throughout	Remove due to construction
839	Burr Oak	<i>Quercus macrocarpa</i>	79	F	Vines growing throughout, minor deadwood throughout	Remove due to construction
840	Burr Oak	<i>Quercus macrocarpa</i>	68	F	Vines growing throughout, minor deadwood throughout	Remove due to construction
841	Burr Oak	<i>Quercus macrocarpa</i>	74	F	Vines growing throughout, minor deadwood throughout	Remove due to construction
842	Burr Oak	<i>Quercus macrocarpa</i>	70	F	Vines growing throughout, minor deadwood throughout	Remove due to construction
843	American Elm	<i>Ulmus americana</i>	26	F		Remove due to construction
844	Burr Oak	<i>Quercus macrocarpa</i>	~96	F	Vines growing throughout, minor deadwood throughout	Remove due to construction
845	Burr Oak	<i>Quercus macrocarpa</i>	42	F	Minor deadwood throughout	Remove due to construction
846	Black Walnut	<i>Juglans nigra</i>	51	F	Minor deadwood throughout, water shoots throughout, vines growing throughout	Remove due to construction
847	Burr Oak	<i>Quercus macrocarpa</i>	46	F		Remove due to construction
848	Black Walnut	<i>Juglans nigra</i>	22	F/P	Minor to moderate deadwood throughout	Retain
849	Black Walnut	<i>Juglans nigra</i>	13	F	Minor deadwood throughout	Retain
850	Black Walnut	<i>Juglans nigra</i>	14	F	Minor deadwood throughout	Retain
851	Black Walnut	<i>Juglans nigra</i>	25	F		Retain
852	Austrian Pine	<i>Pinus nigra</i>	31	F	Moderate lean, minor deadwood throughout	Remove due to construction
853	Austrian Pine	<i>Pinus nigra</i>	29	F	Forked union at 1.2 metres, minor deadwood throughout	Remove due to construction
854	White Pine	<i>Pinus strobus</i>	16	F/G		Remove due to construction
855	Black Walnut	<i>Juglans nigra</i>	31	F	Moderate deadwood throughout	Retain
856	Austrian Pine	<i>Pinus nigra</i>	20	F/P	Main leader previously failed	Retain
857	Austrian Pine	<i>Pinus nigra</i>	31	P	Significant deadwood throughout	Retain

858	Austrian Pine	<i>Pinus nigra</i>	30	F/P	Moderate to significant deadwood throughout	Retain
859	Black Walnut	<i>Juglans nigra</i>	37	F	Minor deadwood throughout	Retain
860	Black Walnut	<i>Juglans nigra</i>	40	F	Minor deadwood throughout	Retain
861	Black Walnut	<i>Juglans nigra</i>	34	F	Minor deadwood throughout	Retain
862	Black Walnut	<i>Juglans nigra</i>	33	F	Minor deadwood throughout	Retain
863	Black Walnut	<i>Juglans nigra</i>	18	F	Minor deadwood throughout	Retain
864	Black Walnut	<i>Juglans nigra</i>	51	F	Minor deadwood throughout	Retain
865	Black Walnut	<i>Juglans nigra</i>	36	F	Minor deadwood throughout	Retain
866	Black Walnut	<i>Juglans nigra</i>	54	F	Minor deadwood throughout	Retain
867	Black Walnut	<i>Juglans nigra</i>	16	F	Minor deadwood throughout	Retain
868	Black Walnut	<i>Juglans nigra</i>	18	F	Minor deadwood throughout	Retain
869	Sugar Maple	<i>Acer saccharum</i>	25	F	Multi-stem, minor deadwood throughout	Retain
870	Black Walnut	<i>Juglans nigra</i>	41	F	Minor deadwood throughout	Retain
871	Black Walnut	<i>Juglans nigra</i>	12	F		Retain
872	Black Walnut	<i>Juglans nigra</i>	21	F	2 stem at base, moderate deadwood throughout	Retain
873	Flowering Crabapple Tree	<i>Malus Sp.</i>	17	P	Multiple limbs previously failed, significant deadwood throughout	Retain
874	Black Walnut	<i>Juglans nigra</i>	35	F	Minor to moderate deadwood throughout	Retain
875	Black Walnut	<i>Juglans nigra</i>	18	P	Moderate to significant deadwood throughout, tree is in decline	Retain
876	Black Walnut	<i>Juglans nigra</i>	40	F	Minor deadwood throughout, 3 stems at 0.5 metres	Retain
877	Black Walnut	<i>Juglans nigra</i>	24	F	Muti-stem, minor deadwood throughout	Retain
878	Norway Maple	<i>Acer platanoides</i>	16	F	Minor deadwood throughout, mildew disease evident	Retain
879	Black Walnut	<i>Juglans nigra</i>	30	F	Minor deadwood throughout	Retain
880	Norway Maple	<i>Acer platanoides</i>	25	F		Retain
881	Colorado Spruce	<i>Picea pungens</i>	12	F		Retain
882	Norway Maple	<i>Acer platanoides</i>	22	F		Retain
883	Norway Maple	<i>Acer platanoides</i>	23	F		Retain
884	Colorado Blue Spruce	<i>Picea pungens var. glauca</i>	12	F		Remove due to construction
885	Colorado Blue Spruce	<i>Picea pungens var. glauca</i>	11	F		Remove due to construction
886	Colorado Blue Spruce	<i>Picea pungens var. glauca</i>	24	F		Remove due to construction

887	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>glauca</i>	21	F		Remove due to construction
888	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>glauca</i>	19	F		Remove due to construction
889	Austrian Pine	<i>Pinus nigra</i>	36	F	Minor deadwood throughout	Remove due to construction
890	Austrian Pine	<i>Pinus nigra</i>	39	F	Minor deadwood throughout	Remove due to construction
891	Austrian Pine	<i>Pinus nigra</i>	33	F/P	Previously topped, minor deadwood throughout	Remove due to construction
892	Austrian Pine	<i>Pinus nigra</i>	29	F		Remove due to construction
893	Austrian Pine	<i>Pinus nigra</i>	35	F	Minor deadwood throughout	Remove due to construction
894	Black Locust	<i>Robinia pseudoacacia</i>	17	F	Minor deadwood throughout	Remove due to construction
895	Black Locust	<i>Robinia pseudoacacia</i>	18	F		Remove due to construction
896	Black Walnut	<i>Juglans nigra</i>	16	F		Retain
897	Sugar Maple	<i>Acer saccharum</i>	71	F/P	Multiple previous limb failures, multiple cavity's throughout, suspected rot column throughout	Retain
898	Red Maple	<i>Acer rubrum</i>	66	F	Minor deadwood throughout	Retain
899	Sugar Maple	<i>Acer saccharum</i>	82	P	Moderate deadwood throughout, main leader dead with rot column, internal rot evident, tree is structural hazard	Remove due to condition
900	Sugar Maple	<i>Acer saccharum</i>	72	F	Minor deadwood throughout	Remove due to construction
901	Sugar Maple	<i>Acer saccharum</i>	68	F		Remove due to construction
902	Sugar Maple	<i>Acer saccharum</i>	63	F	Minor deadwood throughout	Remove due to construction
903	Sugar Maple	<i>Acer saccharum</i>	71	F	Minor deadwood throughout	Remove due to construction
904	Black Walnut	<i>Juglans nigra</i>	19	F	2 stem at 0.2 metres	Retain
905	Basswood	<i>Tilia americana</i>	17	F	Minor deadwood throughout	Retain
906	Basswood	<i>Tilia americana</i>	18	F	Minor deadwood throughout	Retain
907	Basswood	<i>Tilia americana</i>	15	F/P	Elevated canopy, minor deadwood throughout	Retain
908	Basswood	<i>Tilia americana</i>	17	F	Minor deadwood throughout	Retain
909	Basswood	<i>Tilia americana</i>	16	F	Minor deadwood throughout	Retain

910	Basswood	<i>Tilia americana</i>	14	F		Retain
911	Sugar Maple	<i>Acer saccharum</i>	24	F	Minor deadwood throughout	Retain
912	Black Walnut	<i>Juglans nigra</i>	15	F	Minor deadwood throughout	Retain
913	Basswood	<i>Tilia americana</i>	17	F	Multi-stem	Retain
914	Basswood	<i>Tilia americana</i>	22	F	Multi-stem, minor deadwood throughout	Retain
915	Red Maple	<i>Acer rubrum</i>	83	P/D	Main limb previously failed, internal rot evident, tree is 70% dead, structural hazard	Remove due to condition
916	Basswood	<i>Tilia americana</i>	18	F	Multi-stem	Retain
917	Black Walnut	<i>Juglans nigra</i>	17	F		Retain
918	Cherry Sp.	<i>Prunus Sp.</i>	21	F	Minor deadwood throughout	Retain
919	Black Walnut	<i>Juglans nigra</i>	14	F	Minor deadwood throughout	Retain
920	Red Maple	<i>Acer rubrum</i>	82	F	Minor deadwood throughout	Retain
921	Black Walnut	<i>Juglans nigra</i>	20	F		Retain
922	Burr Oak	<i>Quercus macrocarpa</i>	12	F	Minor deadwood throughout	Retain
O1	Norway Spruce	<i>Picea abies</i>	61	F		Retain
O2	Flowering Crabapple Tree	<i>Malus Sp.</i>	47	F		Retain
O3	American Elm	<i>Ulmus americana</i>	45	F	Minor deadwood throughout	Retain
O4	Black Walnut	<i>Juglans nigra</i>	14	F	2 stem at 0.3 metres	Retain
O5	Black Walnut	<i>Juglans nigra</i>	32	F		Retain
O6	Silver Maple	<i>Acer saccharinum</i>	94	F	Minor deadwood throughout, multiple previous limb failures, internal rot evident	Retain
O7	Ash Sp.	<i>Fraxinus Sp.</i>	62	F		Retain
O8	Horse Chestnut	<i>Aesculus hippocastanum</i>	48	F	Minor to moderate deadwood throughout	Retain
O9	Red Oak	<i>Quercus rubra</i>	58	F	Moderate deadwood throughout	Retain
O10	Ornamental Pear	<i>Pyrus calleryana</i>	23	F/P	Moderate to significant deadwood throughout	Retain
O11	Ornamental Pear	<i>Pyrus calleryana</i>	22	P	Significant deadwood throughout	Retain
O12	White Mulberry	<i>Morus alba</i>	19	F		Retain
O13	Red Maple	<i>Acer rubrum</i>	33	D	Tree is 100% dead	Retain
A	Black Willow	<i>Salix nigra</i>	5-15	F	~28 stems growing within pond	Remove due to construction

The above table summarizes the on-site trees. The trees shown with a tone are recommended for removal. The remaining trees will be subject to tree protection per Town of Halton Hills standards as outlined on drawing 1-TI-12. It is noted that not all trees marked for retention require tree protection hoarding. Refer to TI-1 – TI-10 for size and layout of tree protection hoarding.

## TREE COMPENSATION

DBH (CM)	Number of Trees	Compensation Ratio	Compensation Trees Required
7 – 19	42	1:1	42
20 – 29	23	2:1	46
30 – 39	17	3:1	51
40 – 49	11	4:1	44
50 – 59	8	5:1	40
60 – 69	10	6:1	60
70 – 79	10	7:1	70
80 – 89	4	8:1	32
90 – 99	6	9:1	54
100 – 109	-	10:1	-
110 – 119	1	11:1	11
<b>Total Compensation Required</b>			<b>450</b>

## **TREE PROTECTION RECOMMENDATIONS**

The following standards shall apply to any trees that are identified to be retained. Where the municipality enforces its own standards, those of the governing municipality shall supersede the recommendations contained herein. In all other instances, the following recommendations shall be treated as minimum standards for tree protection and retention.

### **1.0 ESTABLISH A TREE PROTECTION ZONE**

The purpose of the tree protection zone is to prevent root damage, soil compaction and soil contamination during construction activities. Workers and machinery shall not disturb the tree protection zone in any way. In order to prevent access, the following recommendations are offered.

- Install tree protection hoarding as per Town of Halton Hills detail 1-TI-12.
- Allow no fill, equipment, supplies, or waste within the tree protection zone.
- Maintain the tree protection hoarding in good condition for the duration of construction.
- Tree protection hoarding is not to be removed until all construction activities have been completed.

### **2.0 ROOT PRUNING**

Where possible, hand dig areas closest to each tree to prevent any unnecessary tearing or pulling of roots. Removal of roots that are greater than 2.5 centimeters in diameter or roots that are injured or diseased should be performed as follows:

- Preserve the root bark ridge (similar in structure to the branch bark ridge). Directional Root Pruning (DRP) is the recommended technique and should be employed during hand excavation around tree roots. Roots are similar to branches in their response to pruning practices. With DRP, objectionable and severely injured roots are properly cut to a lateral root that is growing downward or in a favorable direction.
- All roots needing to be pruned or removed shall be cut cleanly with sharp hand tools, by a Certified Arborist.
- No wound dressings or pruning paint shall be used to cover the ends of each cut.
- All roots requiring pruning shall be cut using any of the following tools:  
Large or small loppers, Hand pruners, Small hand saws, Wound scribes
- Avoid prolonged exposure of tree roots during construction - keep exposed roots moist and dampened with mulching materials, irrigation or wrap in burlap if exposed for longer than 4 hours.

### **3.0 FERTILIZATION AND IRRIGATION**

The following measures are recommended:

- Aeration and deep root fertilize to ensure that all trees receive the appropriate nutrients for healthy growth.
- Fertilizer must be a low nitrogen formula such as 5-30-30 to promote root growth rather than shoot growth.
- If construction occurs during July and / or August, roots must be irrigated during conditions of drought.

## 4.0 ESTABLISH MAINTENANCE PROGRAM

### Pre-Construction:

- Prune all trees to remove any deadwood and obstruction prune as required.

### During Construction:

- Irrigate tree preservation zones during drought conditions (June through September), in an attempt to reduce the effects of drought stress.
- Inspect the site every month to ensure that all tree protection fence / hoarding is in place and in good condition, inspect the trees to monitor condition.

### Post-Construction:

- Prune crowns to remove any newly developed deadwood only. Do not remove any live growth.
- Inspect the trees three times per year (May, July, and September) to monitor condition for a minimum period of 2 additional years.

## 5.0 LANDSCAPING

Any landscaping completed within the tree preservation zones, after construction is completed and tree protection fencing / hoarding has been removed, is to be carried out in such a way that it will not cause damage to any of the trees or their roots. The trees must be protected to the same standards listed earlier in this report, but without the use of tree protection fence or hoarding.

The following guidelines are recommended:

- **No grade changes** are permitted which include adding and/or removing soil.
- **No excavation** is permitted that can cause damage to the roots of the tree.
- **No heavy equipment** can be used to compact the soil within the tree preservation zone.
- Where possible, hard surface paving around trees to be protected should be constructed using permeable products such as interlocking stone. Areas to be paved must be hand dug when encroaching within the tree protection zone.

## CONCLUSIONS

Based on our investigations, we are of the opinion that one-hundred eighteen (118) trees and one (1) tree grouping will require removal to accommodate the proposed construction or due to condition. The remaining trees can be successfully retained if the recommendations within this report are followed. No tree shall be harmed or removed prior to applying for and receiving the requisite permits from the Town of Halton Hills.

Trees which are to remain shall be protected according to the tree protection details and the required protection hoarding shall be installed, inspected and approved prior to the commencement of any construction activities.

Should you have any questions regarding this report, please contact the undersigned directly.

Respectfully submitted,  
**MHBC Planning, Urban Design & Landscape Architecture**



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