GEI Consultants Canada

Tree Inventory Table

Tree ID	Common Name	Scientific Name	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	DBH 4 (cm)	DBH 5 (cm)	Multi-stem DBH (cm)	Crown Radius (m)	TPZ (m)	CRZ (m)	SRZ (m)	Biological Condition	Structural Condition	Overall Condition	SRZ - Injury Factor (%)	CRZ - Injury Factor (%)	TPZ - Injury Factor (%)	Ownership	Recommended Action	Justification for Recommended Action	Tree Compensation	Comments
701	Eastern White Cedar	*Thuja occidentalis*	12	-	-	-	-	12	1.5	2.4	4.0	0.3	Fair	Fair	Fair	100%	76%	91%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	Leaning, crown dieback, rubbing branches
702	Eastern White Cedar	*Thuja occidentalis*	19	-	-	-	-	19	1.5	2.4	4.0	0.5	Good	Good	Good	100%	59%	70%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper Method	
703	Eastern White Cedar	*Thuja occidentalis*	16	-	-	-	-	16	1	2.4	4.0	0.5	Good	Good	Good	6%	44%	41%	Private - Neighbour	Remove	Grading impact more than 30% of TPZ	Yes - Aggregate Caliper	
704	Eastern White Cedar	*Thuja occidentalis*	13	-	-	-	-	13	1	2.4	4.0	0.4	Good	Fair	Fair	100%	67%	78%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	Leaning on nearby cedar, dense branching in crown, crown dieback
705	Eastern White Cedar	*Thuja occidentalis*	13	13	10	6	-	22	2	2.4	4.0	0.6	Fair	Fair	Fair	76%	54%	57%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Crown dieback, spreading/leaning form
706	White Spruce	*Picea glauca*	24	-	-	-	-	24	2	2.4	4.0	0.7	Poor	Good	Poor	100%	57%	68%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Severe crown dieback
707	White Spruce	*Picea glauca*	30	-	-	-	-	30	1.5	2.4	4.0	0.9	Poor	Good	Poor	100%	63%	72%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Severe crown dieback
708	Sugar Maple	*Acer saccharum*	89	-	-	-	-	89	8	5.4	9.0	2.6	Good	Good	Good	73%	37%	76%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	
709	Norway Maple	*Acer platanoides*	64	-	-	-	-	64	6	4.2	7.0	1.8	Good	Fair	Good	100%	100%	100%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Included bark at stem union
710	Norway Maple	*Acer platanoides*	43	-	-	-	-	43	6	3.0	5.0	1.2	Good	Good	Good	100%	100%	100%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	
711	Norway Maple	*Acer platanoides*	83	-	-	-	-	83	8	5.4	9.0	2.4	Good	Fair	Good	100%	99%	100%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Included bark at stem union, codominant stems, broken branches
712	Norway Maple	*Acer platanoides*	82	-	-	-	-	82	8	5.4	9.0	2.4	Good	Fair	Good	100%	100%	100%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Included bark at stem union, codominant stems, broken branches, seeping at stem union, girdling roots
713	Norway Maple	*Acer platanoides*	45	-	-	-	-	45	4	3.0	5.0	1.3	Good	Good	Good	100%	100%	100%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Cut branches, near clothesline
714	Norway Maple	*Acer platanoides*	31	-	-	-	-	31	3	2.4	4.0	0.9	Good	Good	Good	100%	99%	100%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Some crown dieback
715	Black Walnut	*Juglans nigra*	62	-	-	-	-	62	8	4.2	7.0	1.8	Fair	Fair	Fair	98%	64%	89%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Asymmetrical crown, broken branches, crown dieback
797	Eastern White Cedar	*Thuja occidentalis*	17	-	-	-	-	17	1	2.4	4.0	0.5	Good	Good	Good	100%	64%	74%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Slight lean
798	Eastern White Cedar	*Thuja occidentalis*	17	-	-	-	-	17	1	2.4	4.0	0.5	Good	Good	Good	-	41%	35%	Private - Neighbour	Remove	Grading impact more than 30% TPZ	Yes - Aggregate Caliper	Some crown dieback
799	Eastern White Cedar	*Thuja occidentalis*	10	-	-	-	-	10	0.5	1.8	1.8	0.3	Fair	Good	Good	100%	99%	90%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	Crown dieback, small crown to trunk diameter
800	Eastern White Cedar	*Thuja occidentalis*	19	-	-	-	-	19	1.5	2.4	4.0	0.5	Good	Fair	Fair	100%	67%	78%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Asymmetrical crown, codominant branches broken off and hanging nearby
3425	Eastern White Cedar	*Thuja occidentalis*	19	-	-	-	-	19	1.25	2.4	4.0	0.5	Fair	Good	Fair	97%	57%	60%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Asymmetrical crown, crown dieback
3480	Norway Maple	*Acer platanoides*	24	-	-	-	-	24	2	2.4	4.0	0.7	Fair	Fair	Fair	100%	100%	100%	Public - City	Remove	Within planned grading area	Yes - Aggregate Caliper	Asymmetrical crown, crown dieback, near sidewalk and hydro lines
3481	Norway Maple	*Acer platanoides*	41	-	-	-	-	41	3	3.0	5.0	1.2	Good	Fair	Good	100%	100%	100%	Public - City	Remove	Within planned grading area	Yes - Aggregate Caliper	Some branches cut back, included bark at branch unions, near sidewalk and hydro lines
3482	Norway Maple	*Acer platanoides*	25	-	-	-	-	25	3	2.4	4.0	0.7	Fair	Good	Fair	100%	62%	70%	Public - City	Remove	Within planned grading area	Yes - Aggregate Caliper	Asymmetrical crown, near sidewalk and hydro lines
3483	Norway Maple	*Acer platanoides*	53	-	-	-	-	53	4	3.6	6.0	1.5	Good	Good	Good	100%	100%	100%	Public - City	Remove	Within planned grading area	Yes - Aggregate Caliper	Some twig dieback, near sidewalk and hydro lines
3484	Norway Maple	*Acer platanoides*	20	-	-	-	-	20	3	2.4	4.0	0.6	Fair	Fair	Fair	100%	66%	76%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Asymmetrical crown, hydro lines, crown dieback, trunk wavy
3485	Norway Maple	*Acer platanoides*	26	-	-	-	-	26	3	2.4	4.0	0.7	Good	Fair	Fair	100%	66%	76%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Asymmetrical crown, hydro lines
3486	Hemlock	*Tsuga canadensis*	29	-	-	-	-	29	2	2.4	4.0	0.8	Good	Fair	Fair	96%	61%	68%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Leaning trunk, some crown dieback, broken branches, near hydro lines and house
3487	Eastern White Cedar	*Thuja occidentalis*	13	10	-	-	-	16	1	2.4	4.0	0.5	Good	Fair	Good	96%	56%	55%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Slight lean, near house and walkway, rubbing branches
3488	Eastern White Cedar	*Thuja occidentalis*	20	-	-	-	-	20	1.25	2.4	4.0	0.6	Good	Good	Good	100%	87%	96%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	
3489	Eastern White Cedar	*Thuja occidentalis*	11	4	5	-	-	13	1.25	2.4	4.0	0.4	Good	Fair	Good	100%	67%	72%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	Near house and walkway
3490	Eastern White Cedar	*Thuja occidentalis*	18	-	-	-	-	18	1.5	2.4	4.0	0.5	Good	Good	Good	100%	88%	79%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	
3491	Eastern White Cedar	*Thuja occidentalis*	10	-	-	-	-	10	1	1.8	1.8	0.3	Good	Fair	Good	57%	51%	50%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	Slight lean, near house and walkway
3492	Eastern White Cedar	*Thuja occidentalis*	12	-	-	-	-	12	1	2.4	4.0	0.3	Good	Good	Good	100%	90%	81%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	
3493	Eastern White Cedar	*Thuja occidentalis*	18	-	-	-	-	18	1	2.4	4.0	0.5	Good	Good	Good	100%	76%	91%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	
3494	Eastern White Cedar	*Thuja occidentalis*	24	-	-	-	-	24	1	2.4	4.0	0.7	Good	Fair	Fair	99%	60%	60%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Leaning, dense crown, rubbing branches
3495	Eastern White Cedar	*Thuja occidentalis*	16	-	-	-	-	16	1	2.4	4.0	0.5	Fair	Good	Fair	100%	72%	85%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Crown dieback, codominant in upper crown
3496	Eastern White Cedar	*Thuja occidentalis*	11	7	-	-	-	13	1.25	2.4	4.0	0.4	Good	Fair	Fair	100%	77%	92%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	Leaning, codominant stems, rubbing branches
3497	Eastern White Cedar	*Thuja occidentalis*	14	-	-	-	-	14	1.5	2.4	4.0	0.4	Fair	Fair	Fair	100%	68%	88%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	Crown dieback, codominant branches in crown, broken and irregular form branch
3498	Eastern White Cedar	*Thuja occidentalis*	16	-	-	-	-	16	1.25	2.4	4.0	0.5	Good	Fair	Fair	67%	52%	53%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Codominant branches in crown, girdling by wire on one of codominant branches
3499	Eastern White Cedar	*Thuja occidentalis*	12	9	-	-	-	15	1	2.4	4.0	0.4	Good	Fair	Fair	81%	54%	56%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Some crown dieback
3500	Eastern White Cedar	*Thuja occidentalis*	12	-	-	-	-	12	1	2.4	4.0	0.3	Fair	Poor	Fair	100%	82%	97%	Private - Client	Remove	Within planned grading area	N/A < 15 cm DBH	Main stem topped, cavities in trunk
D1	Dead	*Dead*	11	7	-	-	-	13	0	0	0.0	0.4	Dead	Dead	Dead	100%	-	75%	Private - Client	Remove	Within planned grading area	N/A - Dead	
D2	Dead	*Dead*	17	-	-	-	-	17	0	0	4.0	0.5	Dead	Dead	Dead	100%	62%	70%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	
D3	Dead	*Dead*	17	-	-	-	-	17	0	0	4.0	0.5	Dead	Dead	Dead	100%	63%	71%	Private - Client	Remove	Within planned grading area	Yes - Aggregate Caliper	Crack vertically along trunk
T1	Norway Maple	*Acer platanoides*	24	-	-	-	-	24	4	2.4	4.0	0.7	Good	Good	Good	-	24%	10%	Private - Neighbour	Preserve - Injure	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property, slight lean
T10	Norway Spruce	*Picea abies*	54	-	-	-	-	54	4	3.6	6.0	1.6	Good	Good	Good	-	2%	-	Private - Neighbour	Preserve - No Impact	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property
T11	Norway Spruce	*Picea abies*	56	-	-	-	-	56	4	3.6	6.0	1.6	Good	Good	Good	-	2%	-	Private - Neighbour	Preserve - No Impact	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property
T2	Eastern White Cedar	*Thuja occidentalis*	15	-	-	-	-	15	2	2.4	4.0	0.4	Good	Good	Good	-	19%	3%	Private - Neighbour	Preserve - Injure	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property
T3	Eastern White Cedar	*Thuja occidentalis*	13	-	-	-	-	13	2	2.4	4.0	0.4	Good	Good	Good	-	10%	-	Private - Neighbour	Preserve - No Impact	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property
T4	Red Oak	*Quercus rubra*	50	-	-	-	-	50	6	3.0	5.0	1.4	Good	Good	Good	-	7%	-	Private - Neighbour	Preserve - No Impact	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property
T5	Norway Maple	*Acer platanoides*	60	-	-	-	-	60	8	3.6	6.0	1.7	Good	Good	Good	-	1%	-	Private - Neighbour	Preserve - No Impact	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property
T6	Cherry sp.	*Prunus sp.*	13	18	13	10	-	28	2.5	2.4	4.0	0.8	Good	Fair	Good	-	-	-	Private - Neighbour	Preserve - No Impact	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property, included bark at stem union, asymmetrical crown
T7	Apple sp.	*Malus sp.*	23	-	-	-	-	23	2	2.4	4.0	0.7	Fair	Fair	Fair	-	4%	2%	Private - Neighbour	Preserve - Injure	Small area of TPZ impacted by grading	N/A - Preserve	In neighbouring property, crown dieback
T8	Norway Spruce	*Picea abies*	54	-	-	-	-	54	5	3.6	6.0	1.6	Good	Good	Good	-	2%	-	Private - Neighbour	Preserve - No Impact	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property
T9	Norway Spruce	*Picea abies*	57	-	-	-	-	57	4	3.6	6.0	1.6	Good	Good	Good	-	2%	-	Private - Neighbour	Preserve - No Impact	Neighbouring outside of grading limits	N/A - Preserve	In neighbouring property

	Total Eligible DBH (cm) Proposed for Removal	Total Number of 50 mm Replacement Trees	Total Cost (Cash-in-lieu $500 per tree)
Unrounded Values	1043.17	208.63	104317.28
Rounded Whole Numbers	1043	209	104500