Preliminary Design Report for the Reconstruction of Peel Street North and Bay Street West

Arborist Report

Project Location:
Peel Street North, Thornbury, ON

Prepared for:
Town of the Blue Mountains
32 Mill Street, P.O. Box 310 Thornbury, ON

Prepared by:
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Engineers, Scientists, Surveyors.

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1.0 INTRODUCTION

MTE Consultants Inc. (MTE) was retained by the Town of Blue Mountains to complete the Arborist Report for the road reconstruction of Peel Street in the Town of Blue Mountains, ON.

The proposed reconstruction and tree inventory details for the site are illustrated on the enclosed MTE drawings: Tree Inventory Plans TP1.1-TP1.3.

2.0 CRITERIA

This report has been prepared in support of the infrastructure reconstruction process and conforms to typical International Society of Arboricultural (ISA) Best Management Practices (BMP's).

For the purposes of this report 'Boundary Trees' are identified as such where according to surveyed locations and field verification, some part of the root flare straddles the common property line in the opinion of the author. Additional confirmation by others may be necessary in instances of dispute between landowners.

All trees >10cm Diameter at Breast Height at 1.37m above grade (DBH) within the right-of-way (ROW), boundary trees, and trees within private property where some level of conflict between reconstruction activities long-term tree health appears to exist,

Data collected includes Botanical and Common Name, DBH, estimated canopy diameter, and health and structural rating according to the following rating system:

Health:

Excellent (1)	-health and vigour are exceptional, no pest, disease, or distress symptoms
Good (2)	-health and vigour are average, no significant or specific distress symptoms, no significant pest or disease
Fair (3)	-health and vigour are somewhat compromised, distress is visible, pest or disease may be present and affecting health, problems are generally correctable
Marginal (4)	-health and vigour are significantly compromised, distress is highly visible and present to the degree that survivability in in question
Poor (5)	-decline has progressed beyond the point of being able to return to a healthy condition again, long-term survival is not expected, moribund/ dead trees

Structure:

Excellent (1)	-no obvious structural problems
Good (2)	-some minor structural problems may be present which do not require corrective action
Moderate (3)	-normal, typical, structural issues present which can be corrected with pruning
Marginal (4)	-serious structural problems are present which may or may not be correctable with pruning, cabling, bracing, etc.
Poor (5)	-hazardous structural condition which cannot be effectively corrected with pruning or other measures, may require removal depending on location and the presence of targets

3.0 TREE INVENTORY

On June 9, 2023, a total of 290 trees were reviewed for this report.

The most dominant species inventoried is White Cedar (*Thuja occidentalis*) (56%). Additional tree species inventoried include Sugar Maple (*Acer saccharum*), White Spruce (*Picea glauca*), Austrian Pine (*Pinus nigra*), Scot's Pine (*Pinus sylvestris*), Sweet Cherry (*Prunus avium*), Black Cherry (*Prunus serontina*), Balsam Poplar (*Populus balsimifera*), Trembling Aspen (*Populus tremuloides*), Common Buckthorn (*Rhamnus cathartica*), Staghorn Sumac (*Rhus typhina*), White Willow (*Salix alba*), and European Mountain Ash (*Sorbus acuparia*). [Table 3.1].

Among the inventoried trees, undesirable and/or invasive species noted inventoried include Scot's Pine (*Pinus sylvestris*), Sweet Cherry (*Prunus avium*), Common Buckthorn (*Rhamnus cathartica*). Individual stems of the highly invasive Common Buckthorn were all numbered as tree 70 but individual locations were not inventoried.

No potential wildlife/bat habitat trees were noted on the site.

Seventy-five (75) of the inventoried trees were found to be on private lands and will be protected.

One hundred fifty-two (152) trees were inventoried within the right-of-way.

Twenty-five (25) trees were found to be on town lands outside of the right-of-way.

Thirty-eight (38) trees we found to be boundary trees as defined by the Forestry Act:

> *(2) Every tree whose trunk is growing on the boundary between adjoining lands is the common property of the owners of the adjoining lands. 1998, c. 18, Sched. I, s. 21*

Boundary trees are protected by the Forestry Act:

> *(3) Every person who injures or destroys a tree growing on the boundary between adjoining lands without the consent of the landowners is guilty of an offence under this Act. 1998, c. 18, Sched. I, s. 21.*

Table 3.1: Tree Inventory

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
1	13	AUSTRIAN PINE	*Pinus nigra*	5	5	FULLY DEAD	R.O.W.	STM OUTLET CHANNEL
2	30	AUSTRIAN PINE	*Pinus nigra*	1	1	GOOD TREE	R.O.W.	STM OUTLET CHANNEL
3	10	AUSTRIAN PINE	*Pinus nigra*	1	1	GOOD TREE	R.O.W.	STM OUTLET CHANNEL
4	10	SWEET CHERRY	*Prunus avium*	2	2	NON-NATIVE, INVASIVE TREE	R.O.W.	STM OUTLET CHANNEL
5	35	WHITE WILLOW	*Salix alba*	2	2	FENCE BUILT AROUND IT	PRIVATE	ROOTS WITHIN GRADING
6	20	BALSAM POPLAR	*Populus balsamifera*	3	2	TYPICAL FOR SPECIES	R.O.W.	STM OUTLET CHANNEL
7	11	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	STM OUTLET CHANNEL
8	13	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	STM OUTLET CHANNEL
9	15	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	STM OUTLET CHANNEL
10	5	WHITE WILLOW	*Salix alba*	2	2	FENCE BUILT AROUND IT	PRIVATE	NONE
11	11	WHITE SPRUCE	*Picea glauca*	2	2	CYTOSPORA	R.O.W.	NONE
12	14	WHITE SPRUCE	*Picea glauca*	3	2	CYTOSPORA	R.O.W.	NONE
13	21	WHITE SPRUCE	*Picea glauca*	4	2	CYTOSPORA	R.O.W.	NONE
14	20	WHITE SPRUCE	*Picea glauca*	3	2	CYTOSPORA	R.O.W.	NONE
15	35	WHITE SPRUCE	*Picea glauca*	3	2	CYTOSPORA	R.O.W.	NONE
16	20	WHITE SPRUCE	*Picea glauca*	3	3	CODOMINANT	R.O.W.	NONE
17	21	WHITE SPRUCE	*Picea glauca*	4	4	SUPPRESSED	R.O.W.	NONE
18	30	BALSAM POPLAR	*Populus balsamifera*	1	2	TYPICAL FOR SPECIES	R.O.W.	SPECIES MAINTENANCE
19	25	BALSAM POPLAR	*Populus balsamifera*	2	3	TYPICAL FOR SPECIES	R.O.W.	SPECIES MAINTENANCE
20	11	WHITE ASH	*Fraxinus americana*	4	2	RECOVERING FROM EAB	R.O.W.	SPECIES MAINTENANCE
21	20	WHITE SPRUCE	*Picea glauca*	3	2	TYPICAL FOR SPECIES	R.O.W.	NONE
22	35	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	SPECIES MAINTENANCE
23	20	WHITE SPRUCE	*Picea glauca*	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE
24	32	WHITE SPRUCE	*Picea glauca*	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE
25	30	WHITE SPRUCE	*Picea glauca*	3	2	TYPICAL FOR SPECIES	R.O.W.	NONE
26	30	WHITE SPRUCE	*Picea glauca*	3	2	TYPICAL FOR SPECIES	R.O.W.	NONE
27	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	TYPICAL FOR SPECIES	R.O.W.	NONE
28	30	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	R.O.W.	NONE
29	30	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	R.O.W.	M.U.T.

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
31	40	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
32	30	WHITE SPRUCE	*Picea glauca*	2	3	CODOMINANT	R.O.W.	M.U.T.
33	14	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
34	40	WHITE SPRUCE	*Picea glauca*	3	1	TYPICAL FOR SPECIES	BOUNDAR	M.U.T.
35	25	WHITE SPRUCE	*Picea glauca*	2	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
35	45	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	4 STEMS	PRIVATE	M.U.T.
36	25	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
37	18	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
38	18	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
39	20	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
40	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	PRIVATE	BOULEVARD GRADING
41	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	R.O.W.	BOULEVARD GRADING
42	35	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	3	TYPICAL FOR SPECIES	BOUNDAR	BOULEVARD GRADING
43	20	AUSTRIAN PINE	*Pinus nigra*	2	2	TYPICAL FOR SPECIES	PRIVATE	BOULEVARD GRADING
44	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	BOULEVARD GRADING
45	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	BOULEVARD GRADING
46	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	HEDGE OF 13 STEMS	PRIVATE	NONE
47	10	SCOTS PINE	*Pinus sylvestris*	3	4	TWISTY	R.O.W.	M.U.T.
48	13	AUSTRIAN PINE	*Pinus nigra*	4	4	BACTERIAL INFECTION MALFORMED STEM	R.O.W.	M.U.T.
49	13	RED CEDAR	*Juniperus virginiana*	1	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
50	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	HEDGE OF MANY STEMS NEAR PL	PRIVATE	NONE
51	13	AUSTRIAN PINE	*Pinus nigra*	2	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
52	20	AUSTRIAN PINE	*Pinus nigra*	4	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
53	15	AUSTRIAN PINE	*Pinus nigra*	4	2	SUPPRESSED	R.O.W.	M.U.T.
54	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3 STEMS	PRIVATE	NONE
55	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	5 STEMS	PRIVATE	NONE
56	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	SMALL TREE IN BOULEVARD	R.O.W.	BOULEVARD GRADING
57	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2 STEMS	BOUNDAR	NONE
58	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
59	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	4 STEMS	BOUNDAR	NONE
60	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	1 HOLLOW STEM	BOUNDAR	NONE

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
61	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	ROOTS WITHIN GRADING
62	25	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
63	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
64	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3 STEMS	BOUNDAR	NONE
65	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
66	35	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	ROOTS WITHIN GRADING
67	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	ROOTS WITHIN GRADING
68	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
69	10	SERVICEBERRY	*Amelanchier laevis*	2	2	TYPICAL FOR SPECIES	R.O.W.	SPECIES MAINTENANCE
70	-	COMMON BUCKTHORN	*Rhamnus cathartica*	5	5	ALL BUCKTHORN OF SIZE ARE MARKED 070	R.O.W.	INVASIVE SPECIES
71	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
72	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
73	15	WHITE ASH	*Fraxinus americana*	2	2	OK, GOOD HEALTH	PRIVATE	NONE
74	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
75	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
76	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
77	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
78	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
79	13	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
80	18	BALSAM FIR	*Abies balamea*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
81	15	BALSAM FIR	*Abies balamea*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
82	12	WHITE ASH	*Fraxinus americana*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
83	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
84	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
85	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2 STEMS	BOUNDAR	ROOTS WITHIN GRADING
86	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
87	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2 STEMS	PRIVATE	NONE
88	10	WHITE ASH	*Fraxinus americana*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
89	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
90	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3 STEMS	PRIVATE	ROOTS WITHIN GRADING
91	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
92	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
93	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
94	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
95	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
96	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
97	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
98	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
99	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	TYPICAL FOR SPECIES	PRIVATE	NONE
100	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	TYPICAL FOR SPECIES	PRIVATE	NONE
101	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	SOME POOR BRANCH STRUCTURE	PRIVATE	NONE
102	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
103	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
104	16	WHITE SPRUCE	*Picea glauca*	2	2	LANDSCAPE TREE ON PRIVATE LAND	PRIVATE	NONE
105	16	WHITE SPRUCE	*Picea glauca*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
106	15	SCOTS PINE	*Pinus sylvestris*	2	4	UNDER HYDRO	TOWN	BOULEVARD GRADING
107	20	SCOTS PINE	*Pinus sylvestris*	2	4	UNDER HYDRO	TOWN	BOULEVARD GRADING
108	20	GREEN ASH	*Fraxinus pensylvanica*	5	4	DEAD	TOWN	DEAD TREE
109	13	GREEN ASH	*Fraxinus pensylvanica*	5	4	MORIBUND	TOWN	DEAD TREE
110	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	START OF HEDGE	PRIVATE	NONE
111	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	PART OF HEDGE	PRIVATE	NONE
112	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
113	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
114	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
115	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
116	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
117	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
118	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
119	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TREES IN THIS HEDGE ARE ON A SLOPE. THE DESIGN SHOULD NOT AFFECT ROOTS OF TREE ON PRIVATE LANDS	PRIVATE	NONE
120	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
121	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
122	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
123	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	MULTI-STEM HEDGE TREE	PRIVATE	NONE
124	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
125	13	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
126	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	END OF HEDGE	PRIVATE	NONE
127	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	AT END OF SEPARATE HEDGE	PRIVATE	NONE
128	12	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	AT END OF SEPARATE HEDGE	PRIVATE	NONE
129	45	SWEET CHERRY	*Prunus avium*	3	3	MANY WET STEMS SHOWING OOZE. INVASIVE TREE	PRIVATE	NONE
130	15	WHITE SPRUCE	*Picea glauca*	4	1	CYTOSPORA	R.O.W.	NONE
131	10	STAGHORN SUMAC	*Rhus typhina*	1	1	NOT REALLY A TREE,	R.O.W.	NONE
132	15	WHITE SPRUCE	*Picea glauca*	1	1	TYPICAL FOR SPECIES	PRIVATE	NONE
133	15	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	PRIVATE	NONE
134	15	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	PRIVATE	NONE
135	15	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	PRIVATE	NONE
136	20	WHITE SPRUCE	*Picea glauca*	2	1	TYPICAL FOR SPECIES	PRIVATE	NONE
137	12	SWEET CHERRY	*Prunus avium*	2	2	IN SCRUBBY AREA	R.O.W.	BOULEVARD GRADING
138	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	REALLY GNARLY TRUNK	R.O.W.	BOULEVARD GRADING
139	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	R.O.W.	BOULEVARD GRADING
140	20	SCOTS PINE	*Pinus sylvestris*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
141	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
142	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
143	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
144	10	BALSAM POPLAR	*Populus balsamifera*	2	3	MAJOR TWIST IN TRUNK	R.O.W.	BOULEVARD GRADING
145	20	SCOTS PINE	*Pinus sylvestris*	2	3	IN BUSHY AREA	TOWN	NONE
146	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
147	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
148	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	TOWN	NONE
149	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
150	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	R.O.W.	BOULEVARD GRADING
151	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	UNDER HYDRO	R.O.W.	HYDRO RELOCATION
152	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	4 STEMS	R.O.W.	BOULEVARD GRADING

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
153	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
154	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	5 STEMS, END OF SCRUBBY AREA	R.O.W.	HYDRO RELOCATION
155	22	SCOTS PINE	*Pinus sylvestris*	2	3	IN THE NEXT SCRUBBY AREA	R.O.W.	HYDRO RELOCATION
156	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	5	WRAPPED IN BUCKTHORN	R.O.W.	HYDRO RELOCATION
157	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
158	12	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	IN SCRUBBY AREA,	R.O.W.	HYDRO RELOCATION
159	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
160	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
161	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
162	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
163	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
164	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
165	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
166	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
167	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	TOWN	NONE
168	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
169	28	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	R.O.W.	NONE
170	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
171	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	R.O.W.	HYDRO RELOCATION
172	17	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
173	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
174	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
175	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
176	20	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
177	17	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
178	17	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	PART OF A GROUP OF 4 STEMS	R.O.W.	HYDRO RELOCATION
179	17	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
180	30	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	BOUNDAR	HYDRO RELOCATION
181	22	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
182	22	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
183	18	SCOTS PINE	*Pinus sylvestris*	2	3	UNDER HYDRO	BOUNDAR	NONE

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
184	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	GROUP OF 5 IN A GARDEN	BOUNDAR	NONE
185	22	AUSTRIAN PINE	*Pinus nigra*	2	3	ONE SIDE PRUNED FOR HYDRO	R.O.W.	HYDRO RELOCATION
186	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS, START OF HEDGE	BOUNDAR	NONE
187	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	LEAN	R.O.W.	HYDRO RELOCATION
188	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
189	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	LEAN	R.O.W.	HYDRO RELOCATION
190	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
191	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
192	24	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
193	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	BOUNDAR	NONE
194	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	BOUNDAR	NONE
195	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
196	12	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
197	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
198	21	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	R.O.W.	HYDRO RELOCATION
199	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
200	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
201	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
202	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
203	25	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2ND 11CM STEM	BOUNDAR	NONE
204	22	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
205	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	VERY CROOKED TRUNK	R.O.W.	HYDRO RELOCATION
206	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
207	10	BALSAM POPLAR	*Populus balsamifera*	2	5	GNARL IN CROWN	BOUNDAR	HYDRO RELOCATION
208	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
209	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	6 STEMS	R.O.W.	HYDRO RELOCATION
210	13	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
211	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	2 GNARLED STEMS	BOUNDAR	NONE
212	15	BALSAM POPLAR	*Populus balsamifera*	2	4	TOPPED	BOUNDAR	HYDRO RELOCATION
213	13	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	5 STEMS	R.O.W.	HYDRO RELOCATION
214	14	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
215	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
216	24	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	END HEDGE	BOUNDAR	NONE
217	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	GROUP OF 4 TREES	PRIVATE	NONE
218	17	BALSAM POPLAR	*Populus balsamifera*	2	5	TYPICAL FOR SPECIES	PRIVATE	NONE
219	35	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	GNARLY	R.O.W.	HYDRO RELOCATION
220	30	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
221	25	TREMBLING ASPEN	*Populus tremuloides*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
222	18	TREMBLING ASPEN	*Populus tremuloides*	2	3	2 STEMS	BOUNDAR	NONE
223	20	TREMBLING ASPEN	*Populus tremuloides*	2	2	PRIVATE TREE	PRIVATE	NONE
224	20	SCOTS PINE	*Pinus sylvestris*	2	2	PRIVATE TREE	PRIVATE	NONE
225	15	BLACK CHERRY	*Prunus serotina*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
226	25	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
227	15	TREMBLING ASPEN	*Populus tremuloides*	2	4	TWISTED TOP	R.O.W.	HYDRO RELOCATION
228	18	TREMBLING ASPEN	*Populus tremuloides*	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE
229	20	TREMBLING ASPEN	*Populus tremuloides*	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE
230	18	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE
231	14	TREMBLING ASPEN	*Populus tremuloides*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
232	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
233	15	PAPER BIRCH	*Betula papyfera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
234	16	PAPER BIRCH	*Betula papyfera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
235	25	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEMS	R.O.W.	NONE
236	16	BALSAM POPLAR	*Populus balsamifera*	2	4	UNDER HYDRO	R.O.W.	HYDRO RELOCATION
237	15	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
238	15	BALSAM POPLAR	*Populus balsamifera*	2	4	TOPPED FOR HYDRO	R.O.W.	HYDRO RELOCATION
239	15	EUROPEAN MOUNTAIN	*Sorbus acuparia*	2	4	2 MAIN STEMS WITH INLUDED BARK. END HEDGE	PRIVATE	NONE
240	17	TREMBLING ASPEN	*Populus tremuloides*	2	3	TYPICAL FOR SPECIES	R.O.W.	NONE
241	16	TREMBLING ASPEN	*Populus tremuloides*	2	1	TYPICAL FOR SPECIES	R.O.W.	NONE
242	11	TREMBLING ASPEN	*Populus tremuloides*	2	1	TYPICAL FOR SPECIES	R.O.W.	NONE
243	60	AUSTRIAN PINE	*Pinus nigra*	2	4	LARGE LOWER LIMB HAS BROKEN OFF, POOR RESPONSE GROWTH	TOWN LAND	HIGH RISK FEATURES
244	45	AUSTRIAN PINE	*Pinus nigra*	3	3	OVERALL THIN CANOPY, DILPODIA EVIDENT	TOWN	NONE

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
245	45	AUSTRIAN PINE	*Pinus nigra*	3	3	OVERALL THIN CANOPY, DILPODIA EVIDENT	TOWN	NONE
246	60	AUSTRIAN PINE	*Pinus nigra*	2	4	CODOMINT LEADERS WITH INCLUDED BARK	R.O.W.	M.U.T.
247	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	4 STEM CLUMP	TOWN	BOULEVARD GRADING
248	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 STEM CLUMP	TOWN	BOULEVARD GRADING
249	13	BALSAM POPLAR	*Populus balsamifera*	3	4	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
250	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
251	22	BALSAM POPLAR	*Populus balsamifera*	5	5	DEAD AND READY TO FALL	R.O.W.	HYDRO RELOCATION
252	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
253	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
254	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
255	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	3 LEANING STEMS	R.O.W.	HYDRO RELOCATION
256	13	BALSAM POPLAR	*Populus balsamifera*	2	4	TOPPED	R.O.W.	HYDRO RELOCATION
257	17	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	BOUNDAR	NONE
258	17	BALSAM POPLAR	*Populus balsamifera*	2	4	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
259	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE
260	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	6 LITTLE STEMS	BOUNDAR	NONE
261	20	SUGAR MAPLE	*Acer saccharum*	1	3	NARROW CROWN	R.O.W.	HYDRO RELOCATION
262	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
263	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
264	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
265	13	GREEN ASH	*Fraxinus pensylvanica*	5	5	DEAD AND READY TO FALL	TOWN	NONE
266	15	BALSAM POPLAR	*Populus balsamifera*	2	4	LEAN TOWARD ROAD	R.O.W.	HYDRO RELOCATION
267	15	BALSAM POPLAR	*Populus balsamifera*	6	5	DEAD AND READY TO FALL	R.O.W.	HYDRO RELOCATION
268	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
269	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	4	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
270	18	BALSAM POPLAR	*Populus balsamifera*	5	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
271	30	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
272	20	BALSAM POPLAR	*Populus balsamifera*	2	3	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
273	20	BALSAM POPLAR	*Populus balsamifera*	4	4	MOSTLY DEAD	R.O.W.	HYDRO RELOCATION
274	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
275	35	BALSAM POPLAR	*Populus balsamifera*	2	3	DEAD TREE LAYING ON IT AND AFFECTING FORM	TOWN	NONE

Tree No.	DBH (cm)	Common Name	Botanical Name	Health	Struct.	Notes	Ownership	Potential Conflicts
276	18	BALSAM POPLAR	*Populus balsamifera*	2	3	TYPICAL FOR SPECIES	TOWN	HYDRO RELOCATION
277	25	BALSAM POPLAR	*Populus balsamifera*	2	3	TYPICAL FOR SPECIES	TOWN	NONE
278	20	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	TOWN	NONE
279	24	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
280	20	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
281	25	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
282	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
283	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
284	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
285	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
286	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
287	20	BALSAM POPLAR	*Populus balsamifera*	2	5	GROWS HORIZ FOR 5M THEN BENDS TO 90	R.O.W.	HYDRO RELOCATION
288	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
289	18	BALSAM POPLAR	*Populus balsamifera*	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
290	14	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	CLUMP OF 6 STEMS	R.O.W.	HYDRO RELOCATION

4.0 DEVELOPMENT PROPOSAL

The reconstruction of Peel Street includes the road structure, a new stormwater conveyance system, and adjustments to the existing watermain in order to accommodate changes to the existing road profile. The project limits are Peel Street North, from Arthur Street West (Highway 26) to Georgian Bay and Bay Street West, from Peel Street North to the Little Beaver River. Peel Street runs in a northeast to southwest direction.

Several potential conflicts may arise between the location of inventoried trees and the reconstruction of Peel St. including grading within the dripline of trees on private property, the relocation of hydro poles/lines within treed areas on the south side of Peel St. and the construction of a paved multi-use trail (MUT) on the north side of Peel St. Additional conflicts may arise where service laterals to the property lines must be replaced. Existing lateral locations will be utilized and may require damage to/removal of trees. Alternate lateral locations to the property lines can be arranged but connection will be at the property-owners expense.

Trees on private property and boundary trees should be preserved wherever possible. Where boulevard grading will require significant cut or fill, trees within the boulevard will likely have to be removed. Where boulevard grading will be in close proximity to private trees, grading should be kept as far from the property line as practical/possible. Any low-hanging branches on private property should be held out of the way during grading activities to avoid damage to or burying of them.

Trees on the south side of the road, within the hydro relocation, will likely have to be removed as the canopies will conflict with the overhead hydro lines.

On the north side of the road trees within the right-of-way will likely have to be removed to accommodate the multi-use trail.

Where trees can be preserved within the right-of-way efforts should be made to do so.

5.0 TREE PROTECTION MEASURES

5.1 Standard Protection Measures

- Shall be implemented according to Town of Blue Mountain standards
- Tree Protection Zone (TPZ) should be delineated wherever trees are to be preserved
- No equipment, materials or tools should be stored within the TPZ.
- Tree protection fencing shall remain in place until all construction work is completed.
- An ISA Certified Arborist should be contacted should work within the TPZ be required for any reason during the development process.
- Any damage to trees to remain that may happen as a result of demolition or construction related operations should be reported to an ISA Certified Arborist as soon as possible so that appropriate treatments can be applied.
- Tree tags shall be removed from all trees to remain when tree protection measures are removed.

5.2 Tree Removals

- Trees should be felled so as to fall outside of the TPZ.
- Trees to be removed which have branches extending into the canopies of trees to remain should be removed by a qualified arborist.
- The arborist shall remove trees in such a way as to not injure trees in the TPZ or the remaining understory.
- Trees should be removed and disposed of off-site.
- In order to comply with the Migratory Birds Convention Act, tree removals should not occur within the migratory bird breeding season (April 1-August 31) without prior clearance from a qualified biologist.

5.3 Pruning

- (If applicable) Shall be completed by a qualified arborist.

5.4 Excavations

- May be conducted carefully using heavy equipment until roots greater than 5cm in diameter are encountered at the edge of the TPZ.
- Roots greater than 5cm in diameter should be exposed using less invasive methods (hand shoveling, air spade, hydro-excavating) and cut cleanly, by hand with clean tools.
- Avoid exposing excess root mass of trees marked for preservation.
- Roots >5cm in diameter damaged during excavations shall be exposed to sound tissue and cut cleanly with pruners or a saw.
- Exposed roots should be backfilled or covered as soon as possible.
- Roots shall not be left exposed overnight.
- In hot, dry weather it may be necessary to regularly wet exposed roots to prevent them drying out during immediate construction activity.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the proposed reconstruction, it is concluded that:

i. 132 inventoried trees are not in conflict with the proposed works and will be preserved; and
ii. 14 trees have root zones within the proposed works, but can be preserved; and
iii. 88 trees are in conflict with the hydro relocation; and
iv. 14 trees are in direct conflict with the multi-use trail location; and
v. 33 trees are in conflict with boulevard/infrastructure grading; and
vi. 9 trees are either invasive, are of a species that require ongoing maintenance, are exhibiting high risk features, or are dead; and
vii. All trees on neighbouring lands will be protected where possible.

It is recommended that:

viii. Tree preservation fencing be installed according to The Town of Blue Mountain standards; and

ix. Tree preservation measures be inspected by MTE Consultants Inc. as requested to ensure that it is working properly.

All of which is respectfully submitted,

MTE Consultants Inc.

Will Huys
ISA Certified Arborist ON-1183A
519-204-6510 ext. 2246
whuys@mte85.com

WLH:sdm
\\mte85.local\mte\Proj_Mgmt\44383\101\06 Reports\Tree Report\44383-101 Peel Street Arborist Report_2024-04-11.docx

Figures

P:\P\44383\WD\TECH\PRJ\WLH\44383-100 ARBORIST REPORT DRAWING MAR 2024

PEEL STREET SOUTH

PEEL STREET NORTH

HWY 26

MATCHLINE STA 1+040

ARTHUR STREET

AeccDbFace (AeccLand120)

AeccDbNetwork (AeccNetwork120)

Centreline of Ditch

Top of Slope

Bottom of Ditch

PROP. 4.0m DRIVEWAY

Back of Curb

Previously Abandoned Iron Main

Ex. 2" PE Gas

Ex. HP

Ex. NPLS

Ex. 100mmø STM

Ex. Bollard

Ex. Utility Pole

Ex. RG

Ex. H.P.

DCB

#775 Hugh Blair Ln 16R-14

137 136 135 134 133 132 131 130

REFER TO TP1.2

MATCHLINE STA 1+210

CHAINAGE

TOWN OF THE BLUE MOUNTAINS

THIS SHEET

KEY PLAN N.T.S.

GEODETIC BM11972U301 ELEV. = 178.318m

THORNBURY WARF, AT FOOT OF BRUCE STREET, TABLET IN TOP OF CONCRETE RETAINING WALL, 39m SOUTH OF SOUTH END OF WHARF PROPER, 7.9m NORTH OF POINT WHERE RETAINING WALL TURN EAST, 3.2m SOUTHEAST OF MOST SOUTHERLY OF 3 BOLLARDS LOCATED ON 3 SEPARATE PIERS OUT OF WALL AND 45cm WEST OF EAST EDGE OF WALL.

NOTE TO CONTRACTOR :

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

00 Deciduous Tree to Preserve

00 Deciduous Tree to Remove

00 Coniferous Tree to Preserve

00 Coniferous Tree to Remove

Tree Preservation Fence

No.	ISSUE/REVISION	BY	DATE
5.	ISSUED FOR 95% DESIGN SUBMISSION	VPP	JAN 19 2024
4.	ISSUED FOR 90% DESIGN SUBMISSION	VPP	SEP 8 2023
3.	ISSUED FOR 60% DESIGN SUBMISSION	VPP	SEP 8 2022
2.	ISSUED FOR 30% DESIGN SUBMISSION	VPP	APR 12 2021
1.	ISSUED FOR 30% REVIEW	VPP	DEC 11 2020

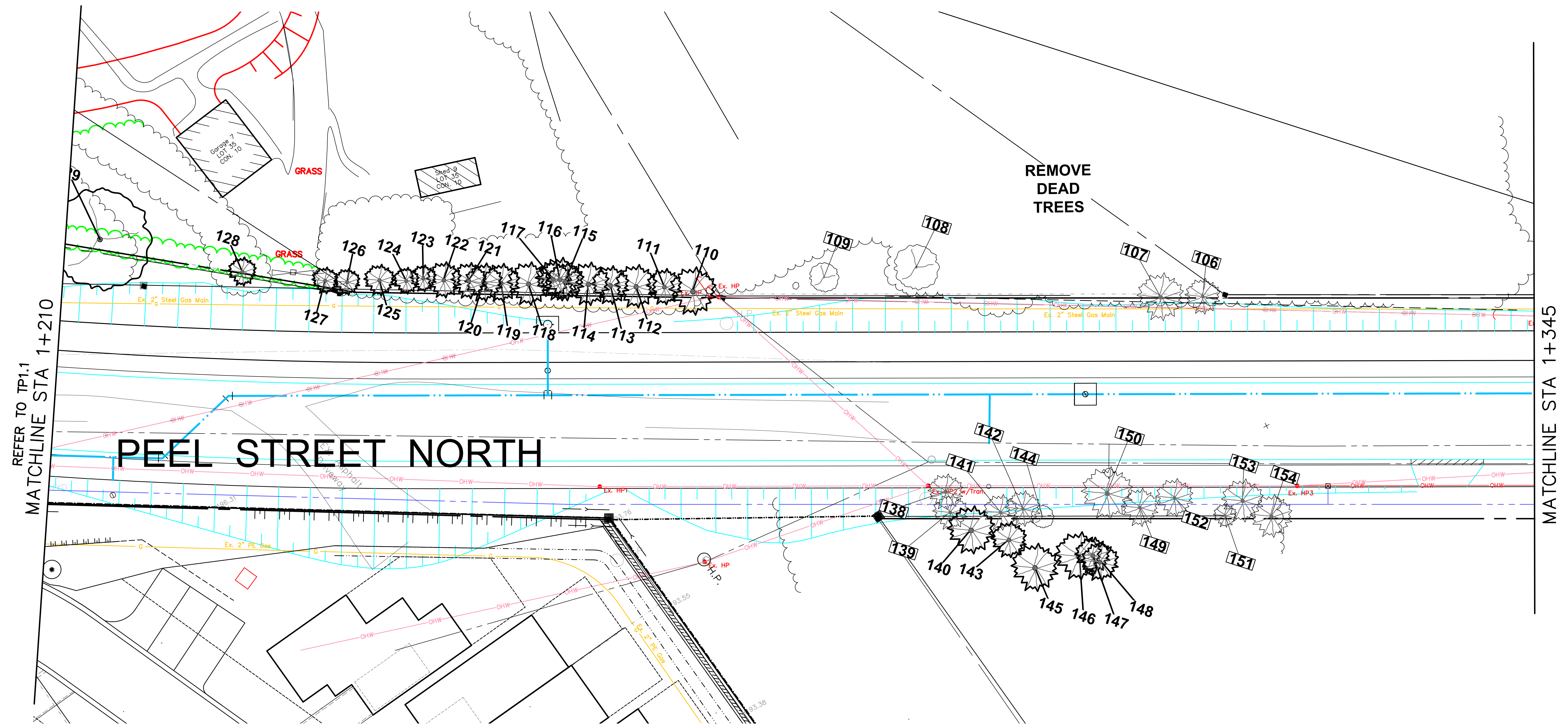
MTE
Engineers, Scientists, Surveyors
519-743-6500

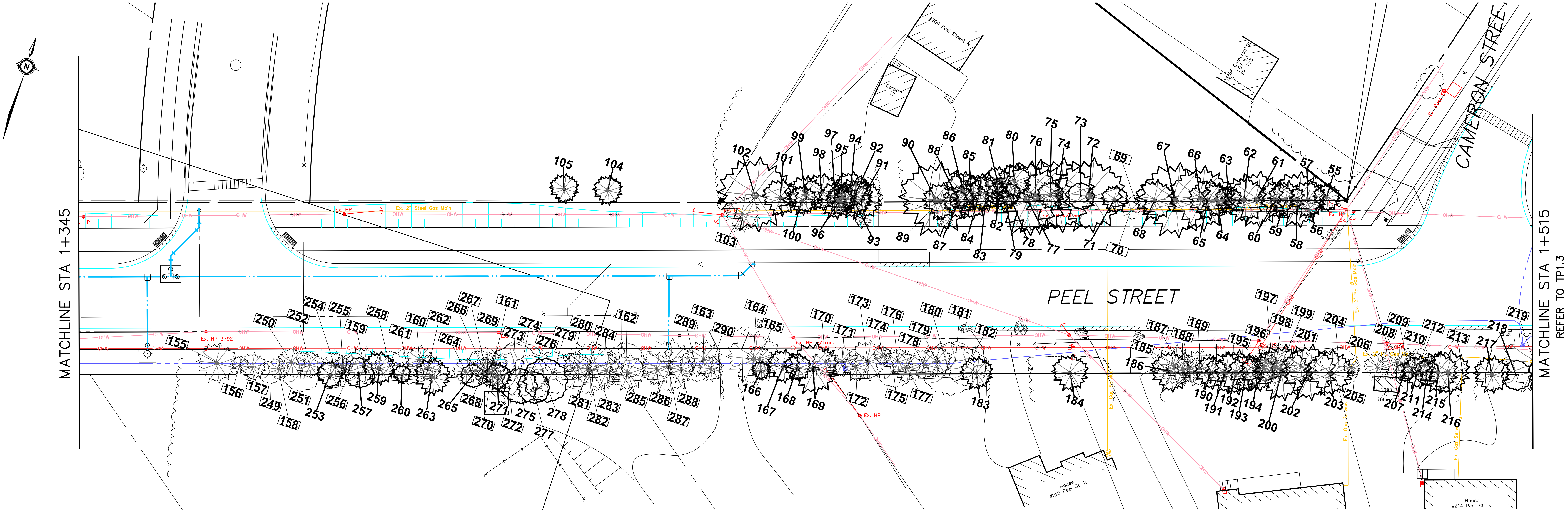
CLIENT
TOWN OF THE BLUE MOUNTAINS

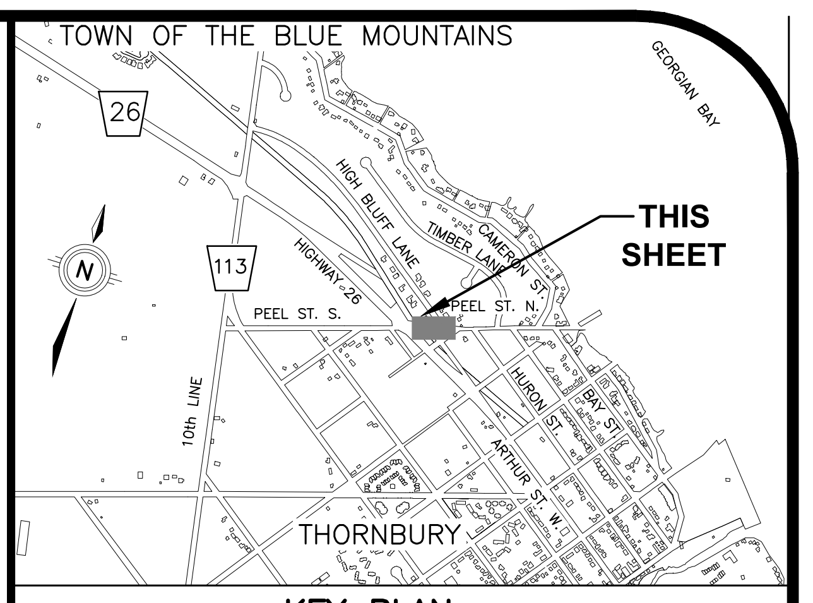
PROJECT
PEEL STREET NORTH RECONSTRUCTION

DRAWING
TREE INVENTORY PLAN 0+000 TO 1+210

Project Manager: VPP	Project No.: 44383-101
Design By: WLH	Checked By: JXR
Drawn By: WLH	Checked By:
Surveyed By: MTE	Drawing No.: TP1.1
Date: 2024-04-01	
Scale: 1:250	Sheet 1 of 3







KEY PLAN N.T.S.

GEODETIC BM 11972U301 ELEV. = 178.318m

THORNBURY WARF, AT FOOT OF BRUCE STREET, TABLET IN TOP OF CONCRETE RETAINING WALL, 39m SOUTH OF SOUTH END OF WHARF PROPER, 7.9m NORTH OF POINT WHERE RETAINING WALL TURN EAST, 3.2m SOUTHEAST OF MOST SOUTHERLY OF 3 BOLLARDS LOCATED ON 3 SEPARATE PIERS OUT OF WALL AND 45cm WEST OF EAST EDGE OF WALL.

NOTE TO CONTRACTOR :

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

00	**Deciduous Tree to Preserve**
[00]	**Deciduous Tree to Remove**
00	**Coniferous Tree to Preserve**
[00]	**Coniferous Tree to Remove**
– – – –	**Tree Preservation Fence**

No.	ISSUE/REVISION	BY	DATE
5.	ISSUED FOR 95% DESIGN SUBMISSION	VPP	JAN 19 2024
4.	ISSUED FOR 90% DESIGN SUBMISSION	VPP	SEP 8 2023
3.	ISSUED FOR 60% DESIGN SUBMISSION	VPP	SEP 8 2022
2.	ISSUED FOR 30% DESIGN SUBMISSION	VPP	APR 12 2021
1.	ISSUED FOR 30% REVIEW	VPP	DEC 11 2020

MTE
Engineers, Scientists, Surveyors
519-743-6500

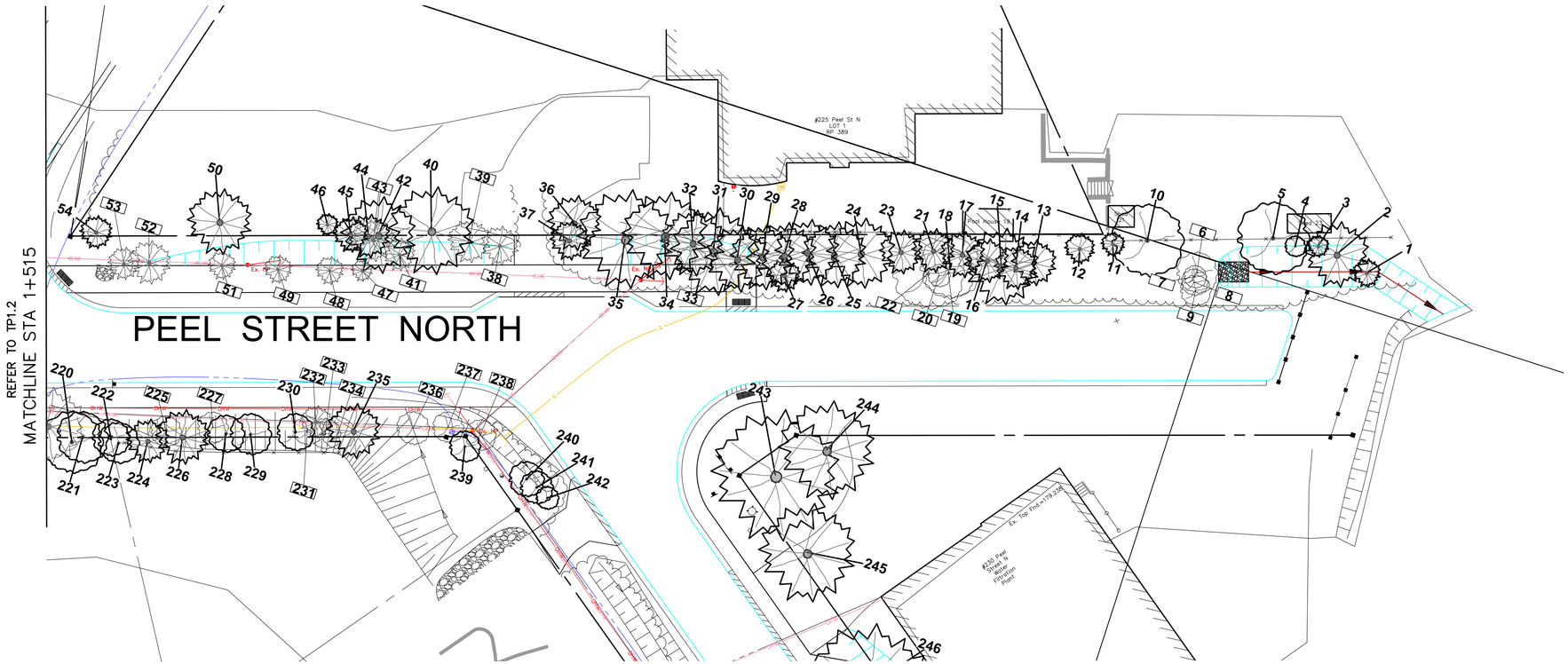
CLIENT
TOWN OF
THE BLUE MOUNTAINS

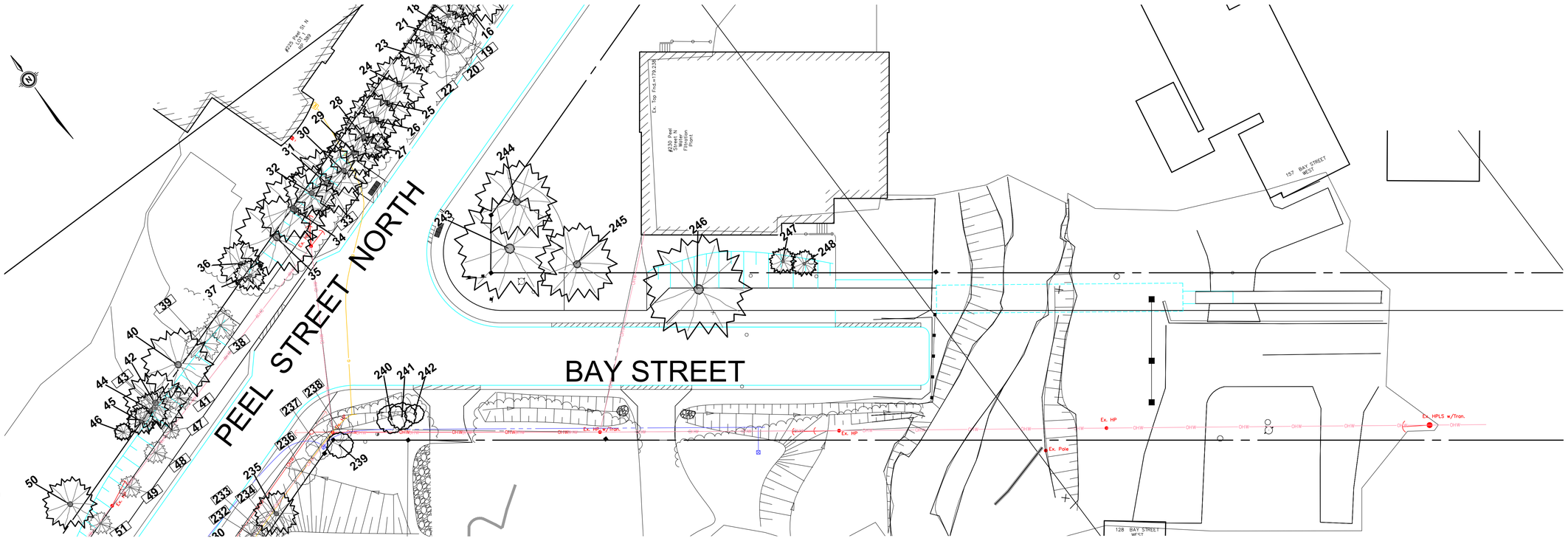
PROJECT
PEEL STREET NORTH
RECONSTRUCTION

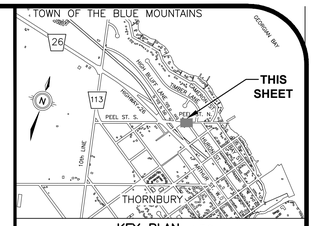
DRAWING
TREE INVENTORY
PLAN
1+210 TO 1+515

Project Manager VPP	Project No. **44383-101**
Design By WLH	Checked By JXR
Drawn By WLH	Checked By
Surveyed By MTE	Drawing No. **TP1.2**
Date 2024-04-01	
Scale 1:250	Sheet 2 of 3

P:\P\44383\WD\TECHNICAL\WLH\44383-100 ARBORIST REPORT DRAWING MAR 2024







GEODETIC BM11972U301 ELEV. = 178.318m

THORNBURY WARF, AT FOOT OF BRUCE STREET, TABLET IN TOP OF CONCRETE RETAINING WALL, 39m SOUTH OF SOUTH END OF WHARF PROPER, 7.9m NORTH OF POINT WHERE RETAINING WALL TURN EAST, 3.2m SOUTHEAST OF MOST SOUTHERLY OF 3 BOLLARDS LOCATED ON 3 SEPARATE PIERS OUT OF WALL AND 45cm WEST OF EAST EDGE OF WALL.

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No.	ISSUE/REVISION	BY	DATE
5.	ISSUED FOR 95% DESIGN SUBMISSION	VPP	JAN 19 2024
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3.	ISSUED FOR 60% DESIGN SUBMISSION	VPP	SEP 8 2022
2.	ISSUED FOR 30% DESIGN SUBMISSION	VPP	APR 12 2021
1.	ISSUED FOR 30% REVIEW	VPP	DEC 11 2020

MTE
Engineers, Scientists, Surveyors
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TOWN OF THE BLUE MOUNTAINS

PROJECT
PEEL STREET NORTH RECONSTRUCTION

DRAWING
TREE INVENTORY PLAN 1+515 to 1+656

Project Manager: VPP	Project No.: 44383-101
Design By: WLH	Checked By: JXR
Drawn By: WLH	Checked By:
Surveyed By: MTE	Drawing No.: TP1.3
Date: 2024-04-01	
Scale: 1:250	Sheet 3 of 3

P:\P\44383\WD\TREE INVENTORY\44383-100 ARBORIST REPORT DRAWING MAR 2024

Tree #	DBH (cm)	Common Name	*Scientific Name*	Canopy Rad. (m)	Health	Struct.	Notes	Ownership	Potential Conflict
1	13	AUSTRIAN PINE	*Pinus nigra*	2	5	5	FULLY DEAD	R.O.W.	STM OUTLET CHANNEL
2	30	AUSTRIAN PINE	*Pinus nigra*	4	1	1	GOOD TREE	R.O.W.	STM OUTLET CHANNEL
3	10	AUSTRIAN PINE	*Pinus nigra*	1	1	1	GOOD TREE	R.O.W.	STM OUTLET CHANNEL
4	10	SWEET CHERRY	*Prunus avium*	1	2	2	NON-NATIVE; INVASIVE TREE	R.O.W.	STM OUTLET CHANNEL
5	35	WHITE WILLOW	*Salix alba*	4	2	2	FENCE BUILT AROUND IT	PRIVATE	ROOTS WITHIN GRADING
6	20	BALSAM POPLAR	*Populus balsamifera*	2	3	2	TYPICAL FOR SPECIES	R.O.W.	STM OUTLET CHANNEL
7	11	BALSAM POPLAR	*Populus balsamifera*	1	2	2	TYPICAL FOR SPECIES	R.O.W.	STM OUTLET CHANNEL
8	13	BALSAM POPLAR	*Populus balsamifera*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	STM OUTLET CHANNEL
9	15	BALSAM POPLAR	*Populus balsamifera*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	STM OUTLET CHANNEL
10	5	WHITE WILLOW	*Salix alba*	2	2	2	FENCE BUILT AROUND IT	PRIVATE	NONE
11	11	WHITE SPRUCE	*Picea glauca*	1	2	2	CYTOSPORA	R.O.W.	NONE
12	14	WHITE SPRUCE	*Picea glauca*	2	3	2	CYTOSPORA	R.O.W.	NONE
13	21	WHITE SPRUCE	*Picea glauca*	3	4	2	CYTOSPORA	R.O.W.	NONE
14	20	WHITE SPRUCE	*Picea glauca*	3	4	2	CYTOSPORA	R.O.W.	NONE
15	35	WHITE SPRUCE	*Picea glauca*	4	3	2	CYTOSPORA	R.O.W.	NONE
16	20	WHITE SPRUCE	*Picea glauca*	2	3	3	CODOMINANT	R.O.W.	NONE
17	21	WHITE SPRUCE	*Picea glauca*	3	4	4	SUPPRESSED	R.O.W.	NONE
18	30	BALSAM POPLAR	*Populus balsamifera*	4	1	2	TYPICAL FOR SPECIES	R.O.W.	SPECIES MAINTENANCE
19	25	BALSAM POPLAR	*Populus balsamifera*	3	2	3	TYPICAL FOR SPECIES	R.O.W.	SPECIES MAINTENANCE
20	11	WHITE ASH	*Fraxinus americana*	1	4	2	RECOVERING FROM EAB	R.O.W.	SPECIES MAINTENANCE
21	20	WHITE SPRUCE	*Picea glauca*	2	3	2	TYPICAL FOR SPECIES	R.O.W.	NONE
22	35	BALSAM POPLAR	*Populus balsamifera*	4	2	2	TYPICAL FOR SPECIES	R.O.W.	SPECIES MAINTENANCE
23	20	WHITE SPRUCE	*Picea glauca*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE
24	32	WHITE SPRUCE	*Picea glauca*	4	2	2	TYPICAL FOR SPECIES	R.O.W.	NONE
25	30	WHITE SPRUCE	*Picea glauca*	4	3	2	TYPICAL FOR SPECIES	R.O.W.	NONE
26	30	WHITE SPRUCE	*Picea glauca*	4	3	2	TYPICAL FOR SPECIES	R.O.W.	NONE
27	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	1	2	TYPICAL FOR SPECIES	R.O.W.	NONE
28	30	WHITE SPRUCE	*Picea glauca*	4	2	1	TYPICAL FOR SPECIES	R.O.W.	NONE
29	30	WHITE SPRUCE	*Picea glauca*	4	2	1	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
31	40	WHITE SPRUCE	*Picea glauca*	5	2	1	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
32	30	WHITE SPRUCE	*Picea glauca*	4	2	3	CODOMINANT	R.O.W.	M.U.T.
33	14	BALSAM POPLAR	*Populus balsamifera*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
34	40	WHITE SPRUCE	*Picea glauca*	5	3	1	TYPICAL FOR SPECIES	BOUNDARY	M.U.T.
35	25	WHITE SPRUCE	*Picea glauca*	3	2	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
35	45	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	1	2	4 STEMS	PRIVATE	M.U.T.
36	25	WHITE SPRUCE	*Picea glauca*	3	2	1	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
37	18	WHITE SPRUCE	*Picea glauca*	2	2	1	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
38	18	WHITE SPRUCE	*Picea glauca*	2	2	1	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
39	20	WHITE SPRUCE	*Picea glauca*	2	2	1	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
40	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	2	3	3 STEMS	PRIVATE	BOULEVARD GRADING
41	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	3 STEMS	R.O.W.	BOULEVARD GRADING
42	35	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	3	3	TYPICAL FOR SPECIES	BOUNDARY	BOULEVARD GRADING
43	20	AUSTRIAN PINE	*Pinus nigra*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	BOULEVARD GRADING
44	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	BOUNDARY	BOULEVARD GRADING
45	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	BOUNDARY	BOULEVARD GRADING
46	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	HEDGE OF 13 STEMS	PRIVATE	NONE
47	10	SCOTS PINE	*Pinus sylvestris*	1	3	4	TWISTY	R.O.W.	M.U.T.
48	13	AUSTRIAN PINE	*Pinus nigra*	2	3	4	BACTERIAL INFECTION MALFORMED STEM	R.O.W.	M.U.T.
49	18	RED CEDAR	*Juniperus virginiana*	2	1	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
50	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	2	2	HEDGE OF MANY STEMS NEAR PL	PRIVATE	NONE
51	13	AUSTRIAN PINE	*Pinus nigra*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
52	20	AUSTRIAN PINE	*Pinus nigra*	2	4	2	TYPICAL FOR SPECIES	R.O.W.	M.U.T.
53	15	AUSTRIAN PINE	*Pinus nigra*	2	4	2	SUPPRESSED	R.O.W.	M.U.T.
54	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	3 STEMS	PRIVATE	NONE
55	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	5 STEMS	PRIVATE	NONE
56	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	HEDGE OF SMALLER STEMS BESIDE BIGGER STEMS ON PL	R.O.W.	BOULEVARD GRADING
57	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	2 STEMS	BOUNDARY	NONE
58	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	2	2	IN HEDGE	PRIVATE	ROOTS WITHIN GRADING
59	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	4 STEMS	BOUNDARY	NONE
60	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	3 HOLLOW STEM	BOUNDARY	NONE
61	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	2	2	TYPICAL FOR SPECIES	BOUNDARY	ROOTS WITHIN GRADING
62	25	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
63	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
64	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	3 STEMS	BOUNDARY	NONE
65	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	2	TYPICAL FOR SPECIES	BOUNDARY	NONE
66	35	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	2	2	TYPICAL FOR SPECIES	BOUNDARY	ROOTS WITHIN GRADING
67	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	2	2	TYPICAL FOR SPECIES	BOUNDARY	ROOTS WITHIN GRADING
68	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	2	TYPICAL FOR SPECIES	BOUNDARY	NONE
69	10	SERVICEBERRY	*Amelanchier laevis*	1	2	2	TYPICAL FOR SPECIES	R.O.W.	SPECIES MAINTENANCE
70	-	COMMON BUCKTHORN	*Rhamnus cathartica*	-	5	5	ALL BUCKTHORN OF SIZE ARE MARKED 070	R.O.W.	INVASIVE SPECIES
71	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
72	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
73	15	WHITE ASH	*Fraxinus americana*	2	2	2	OK, GOOD HEALTH	PRIVATE	NONE
74	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	2	2	TYPICAL FOR SPECIES	PRIVATE	0
75	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
76	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
77	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
78	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
79	13	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	BOUNDARY	NONE
80	18	BALSAM FIR	*Abies balomea*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
81	15	BALSAM FIR	*Abies balamea*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
82	12	WHITE ASH	*Fraxinus americana*	1	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
83	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
84	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
85	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	5 STEMS	BOUNDARY	ROOTS WITHIN GRADING
86	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
87	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	3 STEMS	PRIVATE	NONE
88	10	WHITE ASH	*Fraxinus americana*	1	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
89	14	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	ROOTS WITHIN GRADING
90	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	2	2	8 STEMS	PRIVATE	ROOTS WITHIN GRADING
91	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
92	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
93	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	DISCUSSIONS WITH LANDOWNWER MAY BE NECESSARY	PRIVATE	NONE
94	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
95	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
96	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
97	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
98	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
99	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	TYPICAL FOR SPECIES	PRIVATE	NONE
100	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	OVERHANGS TRAIL. PRIV PROP	PRIVATE	NONE
101	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	ON PRIVATE PROP. OUTERMOST BRANCHES OVERHANG TRAIL. PRUNE TWO STEMS	PRIVATE	NONE
102	40	EASTERN WHITE CEDAR	*Thuja occidentalis*	5	2	2	ON PRIVATE PROP	PRIVATE	ROOTS WITHIN GRADING
103	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
104	16	WHITE SPRUCE	*Picea glauca*	2	2	2	LANDSCAPE TREE ON PRIVATE LAND	PRIVATE	NONE
105	16	WHITE SPRUCE	*Picea glauca*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
106	15	SCOTS PINE	*Pinus sylvestris*	2	2	4	UNDER HYDRO	TOWN LAND	BOULEVARD GRADING
107	20	SCOTS PINE	*Pinus sylvestris*	2	2	4	UNDER HYDRO	TOWN LAND	BOULEVARD GRADING
108	20	GREEN ASH	*Fraxinus pensylvanica*	2	5	4	DEAD	TOWN LAND	DEAD TREE
109	13	GREEN ASH	*Fraxinus pensylvanica*	2	5	4	GROUND	TOWN LAND	DEAD TREE
110	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	START OF HEDGE	PRIVATE	NONE
111	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	PART OF HEDGE	PRIVATE	NONE
112	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
113	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
114	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
115	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
116	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
117	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
118	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
119	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TREES IN THIS HEDGE ARE ON A SLOPE. THE DESIGN SHOULD NOT AFFECT ROOTS OF TREE ON PRIVATE LANDS	PRIVATE	NONE
120	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
121	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
122	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
123	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	3	MULTI-STEM HEDGE TREE	PRIVATE	NONE
124	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
125	13	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	PRIVATE	NONE
126	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	END OF HEDGE	PRIVATE	NONE
127	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	AT END OF SEPARATE HEDGE	PRIVATE	NONE
128	12	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	AT END OF SEPARATE HEDGE	PRIVATE	NONE
129	45	SWEET CHERRY	*Prunus avium*	5	3	3	MANY WET STEMS SHOWING OOZE. INVASIVE TREE	PRIVATE	NONE
130	15	WHITE SPRUCE	*Picea glauca*	2	4	1	CYTOSPORA	R.O.W.	NONE
131	10	STAGHORN SUMAC	*Rhus typhina*	1	1	1	NOT REALLY A TREE	R.O.W.	NONE
132	15	WHITE SPRUCE	*Picea glauca*	2	1	1	TYPICAL FOR SPECIES	PRIVATE	NONE
133	15	WHITE SPRUCE	*Picea glauca*	2	2	1	TYPICAL FOR SPECIES	PRIVATE	NONE
134	15	WHITE SPRUCE	*Picea glauca*	2	2	1	TYPICAL FOR SPECIES	PRIVATE	NONE
135	15	WHITE SPRUCE	*Picea glauca*	2	2	1	TYPICAL FOR SPECIES	PRIVATE	NONE
136	20	WHITE SPRUCE	*Picea glauca*	2	2	1	TYPICAL FOR SPECIES	PRIVATE	NONE
137	12	SWEET CHERRY	*Prunus avium*	1	2	2	IN SCRUBBY AREA	R.O.W.	BOULEVARD GRADING
138	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	4	REALLY GNARLY TRUNK	R.O.W.	BOULEVARD GRADING
139	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	3 STEMS	R.O.W.	BOULEVARD GRADING
140	20	SCOTS PINE	*Pinus sylvestris*	2	2	2	TYPICAL FOR SPECIES	TOWN LAND	NONE
141	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
142	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
143	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	TOWN LAND	NONE
144	10	BALSAM POPLAR	*Populus balsamifera*	1	2	3	MAJOR TWIST IN TRUNK	R.O.W.	BOULEVARD GRADING
145	20	SCOTS PINE	*Pinus sylvestris*	2	2	3	IN BUSHY AREA	TOWN LAND	NONE

Tree #	DBH (cm)	Common Name	*Scientific Name*	Canopy Rad. (m)	Health	Struct.	Notes	Ownership	Potential Conflict
146	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	TOWN LAND	NONE
147	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	2 STEMS	TOWN LAND	NONE
148	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	2 STEMS	TOWN LAND	NONE
149	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	BOULEVARD GRADING
150	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	3	8 STEMS	R.O.W.	BOULEVARD GRADING
151	16	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	4	UNDER HYDRO	R.O.W.	HYDRO RELOCATION
152	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	3	4 STEMS	R.O.W.	BOULEVARD GRADING
153	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	2 STEMS	R.O.W.	HYDRO RELOCATION
154	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	6 STEMS, END OF SCRUBBY AREA	R.O.W.	HYDRO RELOCATION
155	22	SCOTS PINE	*Pinus sylvestris*	3	2	3	IN THE NEXT SCRUBBY AREA	R.O.W.	HYDRO RELOCATION
156	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	5	WRAPPED IN BUCKTHORN	R.O.W.	HYDRO RELOCATION
157	12	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
158	12	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	3	IN SCRUBBY AREA	R.O.W.	HYDRO RELOCATION
159	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	SCRUBBY EDGE HAS SOME BALSAM POPLAR ANDCSMALLER CEDARS. NOT ALL WERE MARKED AS NO IMPACTVTO PRIVATE TREES ARE PROPOSED	R.O.W.	HYDRO RELOCATION
160	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
161	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	3 STEMS	R.O.W.	HYDRO RELOCATION
162	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	2	3	5 STEMS	R.O.W.	HYDRO RELOCATION
163	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
164	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
165	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
166	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	TYPICAL FOR SPECIES	TOWN LAND	NONE
167	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	8 STEMS	TOWN LAND	NONE
168	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	TOWN LAND	NONE
169	28	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	3	8 STEMS	R.O.W.	NONE
170	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
171	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	3	8 STEMS	R.O.W.	HYDRO RELOCATION
172	12	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
173	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	7 STEMS	R.O.W.	HYDRO RELOCATION
174	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
175	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	4 STEMS	R.O.W.	HYDRO RELOCATION
176	20	BALSAM POPLAR	*Populus balsamifera*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
177	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
178	17	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	PART OF A GROUP OF 4 STEMS	R.O.W.	HYDRO RELOCATION
179	17	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
180	30	BALSAM POPLAR	*Populus balsamifera*	4	2	2	TYPICAL FOR SPECIES	BOUNDARY	HYDRO RELOCATION
181	22	BALSAM POPLAR	*Populus balsamifera*	3	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
182	22	BALSAM POPLAR	*Populus balsamifera*	3	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
183	18	SCOTS PINE	*Pinus sylvestris*	2	2	3	UNDER HYDRO	BOUNDARY	NONE
184	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	GROUP OF 3 IN A GARDEN	BOUNDARY	NONE
185	22	AUSTRIAN PINE	*Pinus nigra*	3	2	3	ONE SIDE PRUNED FOR HYDRO	R.O.W.	HYDRO RELOCATION
186	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	3	8 STEMS, START OF HEDGE	BOUNDARY	NONE
187	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	LEAN	R.O.W.	HYDRO RELOCATION
188	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
189	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	LEAN	R.O.W.	HYDRO RELOCATION
190	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	BOUNDARY	NONE
191	22	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	2	TYPICAL FOR SPECIES	BOUNDARY	NONE
192	24	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	2	TYPICAL FOR SPECIES	BOUNDARY	NONE
193	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	8 STEMS	BOUNDARY	NONE
194	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	2 STEMS	BOUNDARY	NONE
195	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
196	12	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
197	20	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
198	21	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	3	8 STEMS	R.O.W.	HYDRO RELOCATION
199	10	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
200	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	2	2	TYPICAL FOR SPECIES	BOUNDARY	NONE
201	18	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	3	9 STEMS	R.O.W.	HYDRO RELOCATION
202	30	EASTERN WHITE CEDAR	*Thuja occidentalis*	4	2	2	TYPICAL FOR SPECIES	BOUNDARY	NONE
203	25	EASTERN WHITE CEDAR	*Thuja occidentalis*	3	2	3	2ND 11CM STEM	BOUNDARY	NONE
204	22	BALSAM POPLAR	*Populus balsamifera*	3	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
205	11	EASTERN WHITE CEDAR	*Thuja occidentalis*	1	2	4	VERY CROOKED TRUNK	R.O.W.	HYDRO RELOCATION
206	15	EASTERN WHITE CEDAR	*Thuja occidentalis*	2	2	2	TYPICAL FOR SPECIES	R.O.W.	HYDRO RELOCATION
207	10	BALSAM POPLAR	*Populus balsamifera*	1	2	5	SNARL I