



**TREE REMOVAL AND PRESERVATION NOTES:**

- GENERAL:**
- CONSTRUCTION ACTIVITIES WILL TREAT ALL TREES RECOMMENDED FOR RETENTION SHOWN HEREIN AS CONSTRAINTS.
- TREE REMOVAL:**
- ALL NECESSARY TREE REMOVALS WILL BE COMPLETED OUTSIDE THE PRIMARY BIRD NESTING AND BAT ACTIVITY PERIODS (I.E., TO BE COMPLETED BETWEEN OCTOBER 1 AND MARCH 31). IF LIMITED TREE REMOVAL IS REQUIRED DURING THIS PERIOD, A SURVEY WILL BE CONDUCTED BY A QUALIFIED ECOLOGIST WITHIN TWO (2) DAYS OF THE COMMENCEMENT OF TREE REMOVAL ACTIVITIES TO DETERMINE HABITAT SUITABILITY AND/OR CONFIRM THE PRESENCE/ABSENCE OF NESTING BIRDS AND ROOSTING BATS.
  - SHOULD A NESTING BIRD OR ROOSTING BAT BE IDENTIFIED, A MITIGATION PLAN MUST BE DEVELOPED (WHICH MAY INCLUDE DISCUSSIONS WITH RELEVANT AGENCIES) TO ADDRESS REGULATORY REQUIREMENTS.
- TREE PROTECTION BARRIER:**
- TREE PROTECTION FENCE (SEE DETAIL #1) WILL BE INSTALLED PRIOR TO THE COMMENCEMENT OF SITE PREPARATION AND OTHER CONSTRUCTION ACTIVITIES. NO DEVELOPMENT, SITE ALTERATION (E.G., GRADING, EXCAVATION, SOIL STOCKPILING, ETC.), MACHINERY MOVEMENT, OR STORAGE OF EQUIPMENT OR MATERIALS WILL OCCUR WITHIN ANY AREA ISOLATED BY TREE PROTECTION FENCE.
  - A QUALIFIED ARBORIST WILL INSPECT THE TREE PROTECTION FENCE FOLLOWING INSTALLATION AND PRIOR TO THE COMMENCEMENT OF SITE PREPARATION OR OTHER CONSTRUCTION ACTIVITIES.
  - TREE PROTECTION FENCE WILL REMAIN IN PLACE AND BE IN GOOD CONDITION DURING IMPLEMENTATION OF THE PROPOSED DEVELOPMENT PLAN. TREE PROTECTION FENCE WILL NOT BE REMOVED UNTIL ALL SITE DISTURBANCES ASSOCIATED WITH THE PROPOSED DEVELOPMENT PLAN HAVE CONCLUDED.
- PRUNING:**
- ALL NECESSARY PRUNING OF BRANCHES AND/OR ROOTS SHALL BE CONDUCTED BY A QUALIFIED ARBORIST AND SHALL BE IN ACCORDANCE WITH GOOD ARBORICULTURAL STANDARDS AND PRACTICES.
- ROOT SENSITIVE EXCAVATION:**
- ROOT-SENSITIVE EXCAVATION TECHNIQUES (EITHER PNEUMATIC EXCAVATION, HYDRO-VAC EXCAVATION, OR HAND-DIGGING) WILL BE EMPLOYED WITHIN THE AREAS SHOWN DURING SEDIMENT FENCE INSTALLATION AND PRIOR TO THE COMMENCEMENT OF GRADING OR MACHINE EXCAVATION. THE EXCAVATED TRENCH WILL BE APPROXIMATELY 30 CM DEEP AND 15 CM WIDE TO EXPOSE ROOTS AT THE LIMIT OF DISTURBANCE. ROOT-SENSITIVE EXCAVATION AND SUBSEQUENT BACKFILLING TO SECURE THE SEDIMENT FENCE WILL BE UNDERTAKEN ON THE OUTSIDE EDGE OF THE TREE PROTECTION ZONE ONLY.
  - FOLLOWING ROOT EXPOSURE, A QUALIFIED ARBORIST WILL SUPERVISE THE ROOT CUTTING PROCEDURES AND EXAMINE IF ANY EXCESSIVE OR LARGE STRUCTURAL ROOTS REQUIRE CUTTING. ALL EXPOSED TREE ROOTS WILL BE SEVERED CLEANLY IN ACCORDANCE WITH STANDARD ARBORICULTURAL PRACTICES. LOSS OF STRUCTURAL ROOTS MAY NECESSITATE REMOVAL OF THE SUBJECT TREE, TO BE DETERMINED BY THE ON-SITE QUALIFIED ARBORIST.
- SHARED/BOUNDARY OR NEIGHBOURING TREES:**
- THE APPLICANT MUST SECURE APPROVAL TO IMPACT ANY/ALL SHARED AND/OR NEIGHBOURING TREES FROM RELEVANT PROPERTY OWNERS PRIOR TO CONSTRUCTION.

**TREE INVENTORY SPREADSHEET:**

Tag No.	Common Name	Scientific Name	DBH (cm)	Canopy Height (m)	Health Features, Decline Indicators, and Growth Constraints	Health Condition <sup>1</sup>	Structural Condition <sup>2</sup>	Ownership <sup>3</sup>	Min. TRZ <sup>4</sup> (m)	Tree Preservation Determination <sup>5</sup>
108	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	City	1.8	Remove - conflicts with the coverage of development and/or disturbance.
109	White Spruce	<i>Picea glauca</i>	41	4		Good	Good	City	3	Remove - conflicts with the coverage of development and/or disturbance.
110	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	City	1.8	Remove - conflicts with the coverage of development and/or disturbance.
111	Maackia Maple	<i>Acer glabrum</i>	24	3		Good	Good/Fair	City	1.8	Remove - conflicts with the coverage of development and/or disturbance.
112	White Spruce	<i>Picea glauca</i>	17	2		Good	Good/Fair	City	1.8	Remove - conflicts with the coverage of development and/or disturbance.
113	White Spruce	<i>Picea glauca</i>	17	2		Good	Good/Fair	City	1.8	Remove - conflicts with the coverage of development and/or disturbance.
114	White Spruce	<i>Picea glauca</i>	17	2		Good	Good/Fair	City	1.8	Remove - conflicts with the coverage of development and/or disturbance.
115	Maackia Maple	<i>Acer glabrum</i>	15, 17, 17.5	3		Fair	80% Mid and Road	Applicant	2.4	Remove - conflicts with the coverage of development and/or disturbance.
116	White Spruce	<i>Picea glauca</i>	42	3		Good	Good	Applicant	3	Remove - conflicts with the coverage of development and/or disturbance.
117	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	Probably Shared with 8100 Mid and Road	2.4	Remove - conflicts with the coverage of development and/or disturbance.
118	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	Applicant	2.4	Remove - conflicts with the coverage of development and/or disturbance.
119	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	Applicant	2.4	Remove - conflicts with the coverage of development and/or disturbance.
122	White Spruce	<i>Picea glauca</i>	14	4		Good	Good	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
123	White Spruce	<i>Picea glauca</i>	21	2		Good	Good	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
124	Maackia Maple	<i>Acer glabrum</i>	29	1		Good	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
125	Maackia Maple	<i>Acer glabrum</i>	11	1		Good	Good	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
126	Maackia Maple	<i>Acer glabrum</i>	11	1		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
127	Maackia Maple	<i>Acer glabrum</i>	26	1		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
128	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
129	Maackia Maple	<i>Acer glabrum</i>	25, 11, 25	3		Good	Fair/Poor	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
130	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
131	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
132	Maackia Maple	<i>Acer glabrum</i>	30, 30, 30	2		Declining	Fair	Applicant	2.4	Remove - conflicts with the coverage of development and/or disturbance.
133	Maackia Maple	<i>Acer glabrum</i>	11	2		Declining	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
134	Maackia Maple	<i>Acer glabrum</i>	12, 13, 12, 12.5	2		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
135	Ruby Willow	<i>Salix atrocinerea</i>	14	2		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
136	Ruby Willow	<i>Salix atrocinerea</i>	16, 17, 15	2		Good	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
137	White Spruce	<i>Picea glauca</i>	17	2		Good	Good	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
138	Ruby Willow	<i>Salix atrocinerea</i>	26	4		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
139	Ruby Willow	<i>Salix atrocinerea</i>	26	4		Good	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
140	Ruby Willow	<i>Salix atrocinerea</i>	15, 11, 20, 2	2		Good	Fair/Poor	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
141	White Elm	<i>Ulmus americana</i>	13, 11, 20, 2	2		Good	Fair/Poor	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
142	White Elm	<i>Ulmus americana</i>	13, 11, 20, 2	2		Good	Fair/Poor	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
143	Cashmere Willow	<i>Salix mendocino</i>	19	3		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
144	Cashmere Willow	<i>Salix mendocino</i>	19	3		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
145	Cashmere Willow	<i>Salix mendocino</i>	25, 11, 25	3		Good	Probably Shared with 8100 Mid and Road	2.4	Remove - conflicts with the coverage of development and/or disturbance.	
146	Cashmere Willow	<i>Salix mendocino</i>	25, 11, 25	3		Good	Fair/Poor	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
147	Cashmere Willow	<i>Salix mendocino</i>	19	3		Good	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
148	Eastern Crabapple	<i>Malus adusta</i>	40	10		Good	Good	Applicant	3.6	Remove - conflicts with the coverage of development and/or disturbance.
149	Cashmere Willow	<i>Salix mendocino</i>	19	3		Good	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
150	Cashmere Willow	<i>Salix mendocino</i>	25, 11, 11, 15, 15, 2	2		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
151	Cashmere Willow	<i>Salix mendocino</i>	19	3		Good	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
152	Cashmere Willow	<i>Salix mendocino</i>	25, 25, 24, 14, 15	2		Good	Fair/Poor	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
153	Cashmere Willow	<i>Salix mendocino</i>	19	3		Good	Good/Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
154	Cashmere Willow	<i>Salix mendocino</i>	25, 11, 15, 15	2		Good	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
155	Cashmere Willow	<i>Salix mendocino</i>	19	3		Good	Fair	Applicant	1.8	Remove - conflicts with the coverage of development and/or disturbance.
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**TREE PROTECTION FENCE DETAIL:**

