

# CORPORATION OF THE TOWNSHIP OF ESQUIMALT

## BYLAW NO. 2664

### A Bylaw to Provide for the Protection of Trees

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**WHEREAS** the Council may, by bylaw, pursuant to the statutory powers of the *Community Charter*, exercise powers to regulate and prohibit in relation to the cutting, damage, and removal of trees and to require their replacement;

**AND WHEREAS** the Council considers it in the public interest to provide for the protection and preservation of trees, the regulation of their cutting and removal and their replacement;

**NOW THEREFORE**, the Council of the Corporation of the Township of Esquimalt, in open meeting assembled, enacts as follows:

## INTRODUCTION

### 1. TITLE

This Bylaw may be cited as the "*TREE PROTECTION BYLAW, 2007, NO. 2664*".

### 2. DEFINITIONS

In this bylaw:

**ALTER** – means to cut, damage or destroy by any means any part of a tree, or the roots of a tree or tree seedling within the protected root zone.

**BUILDING FOOTPRINT** – means an area of the lot on which a building or buildings are actually situated or may be situated in accordance with the requirements of the Zoning Bylaw, 1992, No. 2050, as amended or replaced from time to time.

**CERTIFIED ARBORIST** – means a person holding a current certification of "certified arborist" issued by the International Society of Arboriculture.

**COUNCIL** – means the Municipal Council of the Corporation of the Township of Esquimalt.

**CUT, CUTS, CUTTING, OR CUT DOWN** – means to cut down, kill or remove a tree by any means and includes the topping of a tree and the removal of any branch or trunk of a tree.

**dbh** – means diameter of the trunk of a tree measured at 1.4 metres (4.6 feet) above the existing grade of the ground adjoining its base (**diameter at breast height**).

**DIRECTOR** – means the person duly appointed by Council to serve as Director of Parks and Recreation Services and includes any person lawfully acting under the Director's authority.

**DRIPLINE** – means an area encircling the base of a tree, the extent of which is delineated by a vertical line extending from the outer limit of a tree's branch tips down to the ground.

**OWNER** – means the registered owner of a parcel of land.

**PROTECTED ROOT ZONE** – means the area of land surrounding the trunk of the tree that contains the bulk of the critical root system of the tree, as defined on a plan prepared by a certified arborist, or the area of land surrounding the trunk of a tree contained within a circle having a radius which is calculated by multiplying the diameter of the tree by 18.

**PROTECTED TREE** – means the following trees:

- Arbutus (*Arbutus menziesii*), over 50 cm in height;
- Big leaf maple (*Acer macrophyllum*), over 60 cm in diameter;
- Douglas fir (*Pseudotsuga menziesii*), over 60 cm in diameter;
- Garry oak (*Quercus garryana*), over 50 cm in height;
- Grand fir (*Abies grandis*), over 60 cm in diameter;
- Pacific dogwood (*Cornus nuttallii*), over 50 cm in height;
- Pacific yew (*Taxus brevifolia*), over 50 cm in height;
- Western red cedar (*Thuja plicata*), over 60 cm in diameter;
- significant tree as listed on Schedule 'A';
- any wildlife tree (as defined in this Bylaw);
- any tree with evidence of nesting or use by raptors, osprey or heron colony (as described in the *Wildlife Act*);
- a replacement tree;
- any tree shown as "to be retained" on a Tree Protection Plan attached to and forming part of a Development Permit, Development Variance Permit or Building Permit;
- any tree, including multi stemmed trees and regardless of species, having a dbh of 30 centimetres (11.8 inches) or more.

**PROTECTED TREE SEEDLING** – means any of the following tree seedlings:

- Arbutus (*Arbutus menziesii*);
- Garry Oak (*Quercus garryana*);
- Pacific Dogwood (*Cornus nuttallii*);
- Big leaf maple (*Acer macrophyllum*);
- Douglas fir (*Pseudotsuga menziesii*);
- Pacific yew (*Taxus brevifolia*);
- Grand fir (*Abies grandis*).

**PRUNE** – means to remove living or dead parts of a tree, which are greater than 10 centimetres (3.9 inches) in diameter but less than or equal to 25 centimetres (9.84 inches) in diameter, for a purpose consistent with promoting its health and growth.

**REPLACEMENT TREE** - means a replacement tree planted as a condition of a permit issued under this bylaw, or required to be planted as a result of a violation of this bylaw.

**SIGNIFICANT TREE** – means any tree listed on the Heritage Tree list or designated as such by Council, as identified on Schedule 'A' of this bylaw.

**TREE** – means any living, erect, self supporting woody plant which is:

- five metres (16.3 feet) or more in height
- ten centimetres (3.9 inches ) or more in diameter at dbh
- has a combined diameter of its 3 largest trunks or stems measured at dbh of 20 centimetres (7.8 inches) or greater
- a replacement tree.

**TREE PERMIT** – means a permit and its conditions as issued under this Bylaw.

**TREE PROTECTION PLAN** – means a plan which, when viewed from above, indicates the location of one or more trees to be protected, and what measures will be taken (for example, tree protection barrier, mulching, pruning), and which forms part of an approved development permit, development variance permit or building permit or an application for a permit. Refer to the attached Schedule 'B'.

**TREE SEEDLING** – means any young, independent, living, erect, tree that has a height of more than 50 centimetres (19.7 inches) and less than 5 metres (16.4 feet).

**TOP or TOPPING** – means the removal or cutting back of the top portion of a tree's leader stem or large branches so as to remove the normal canopy.

**WATERCOURSE** – means any creek, stream or waterway governed by the provincial Ministry of Environment or federal Department of Fisheries and Oceans.

**WILDLIFE TREE** – means a tree which provides habitat (shelter or nutrients) for birds or wildlife designated as threatened or endangered under the *Wildlife Act*.

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## REGULATIONS

### 3. MEASUREMENTS

For the purposes of this bylaw

- 3.1 The diameter of a tree will be determined by dividing the measurement of the circumference of the trunk at dbh by 3.142.
- 3.2 The diameter of a tree having multiple trunks will be determined by measuring the circumference each of the three largest trunks or stems at dbh and dividing each by 3.142 and summing the totals.
- 3.3 Where the trunk of a tree is growing on a building footprint line or other setback line prescribed by this Bylaw, the tree will be deemed to be located on the same side of the line as the majority of the trunk is located.
- 3.4 Measurements of any pruning cut or cuts made will be measured by measuring the diameter of the butt of the cut.
- 3.5 Imperial units of measurement are provided for information purposes only and in all cases the metric units of measurement are deemed to be definitive.

### 4. CUTTING DOWN OR REMOVING TREES

- 4.1 A person must not cut down any protected tree or protected tree seedling, or allow any protected tree or protected tree seedling to be cut down or removed, except where permitted by and carried out in accordance with this Bylaw.
- 4.2 Section 4.1 does not apply to the cutting down of a protected tree or protected tree seedling if it is located within the building footprint of a lot and the cutting down of the tree is necessary for the purpose of constructing a building, an addition to a building or construction of an accessory building pursuant to an approved development permit, development variance permit or building permit.
- 4.3 A person must not cut down or damage a tree the retention of which is indicated on a tree plan forming part of a development permit or development variance permit.
- 4.4 The Director may issue a tree permit in the form prescribed by the Director for that purpose for the cutting down and removal of a tree otherwise protected by this Bylaw where:
  - 4.4.1 the tree is dead, dying, severely damaged, unstable or severely leaning and in danger of falling;

- 4.4.2 the tree is interfering with, or in such close proximity to, utility wires as to create a dangerous situation;
- 4.4.3 the roots of the tree are interfering with, blocking or damaging a drainage, water or sewer system or other improvement;
- 4.4.4 the removal of the tree is required for the construction or installation of a driveway, roads or services, required off street parking area, below ground service line, or an above ground utility corridor, and where, in the opinion of the Director of Engineering and Public Works if no other suitable locations are available for the placement of the driveway, roads, services, parking area, below ground service line or utility corridor.

## **5. DAMAGE TO TREES**

- 5.1 A person must not carry out any of the following activities in respect of any protected tree, protected tree seedling or protected root zone unless a tree permit is first obtained:
  - 5.1.1 cutting or damaging the roots of a tree growing inside the protected root zone;
  - 5.1.2 placing fill, building materials, asphalt, or a building or structure, or stockpiling organic material upon land inside the protected root zone;
  - 5.1.3 operating trucks, backhoes, excavators or other heavy equipment within a protected root zone;
  - 5.1.4 denting, gouging, damaging or affixing anything to the branches or the trunk of a tree;
  - 5.1.5 depositing concrete washout or other liquid or chemical substances harmful to the health of a tree on land inside the protected root zone;
  - 5.1.6 removing soil from land inside the protected root zone;
  - 5.1.7 blasting inside a protected root zone;
  - 5.1.8 blasting outside a protected root zone so as to damage roots or disturb soil inside the protected root zone;
  - 5.1.9 undermining the roots of a tree growing inside the protected root zone;
  - 5.1.10 topping a tree.

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- 5.2 Where the proposed activity will endanger the health or life of the tree, the Director may:
- 5.2.1 Issue a permit subject to any conditions as are considered by the Director to be necessary to maintain and protect the health of the tree including:
- 5.2.1.1 a requirement for protective barriers or fences for tree trunks or root systems in accordance with the provisions of Schedule 'C';
- 5.2.1.2 a requirement for steps to be taken to prevent soil compaction;
- 5.2.1.3 a requirement that soil levels may not be changed within the protected root zone of any tree;
- 5.2.1.4 a requirement for minimizing or prohibiting the breakage of or damage to roots or branches, which may include the prohibition of the operation of equipment inside the protected root zone.
- 5.2.2 refuse to issue a permit.

## **6. PRUNING BRANCHES WITH DIAMETER GREATER THAN TEN CENTIMETRES**

- 6.1 The owner of a protected tree may not prune any branch, limb or part of a tree which is greater than 10 centimetres (3.9 inches) in diameter at the point it meets another branch, the leader stem, or trunk of a tree, unless authorized by a tree permit issued by the Director.
- 6.2 The Director may issue a tree permit for pruning subject to any conditions that are considered by the Director to be necessary to maintain and protect the health of the tree including:
- 6.2.1 that the pruning be carried out in accordance with practices generally accepted by certified arborists; or
- 6.2.2 that the pruning be carried out by or under the supervision of a certified arborist, etc.
- 6.3 Where the proposed pruning will endanger the health or life of the tree, the Director may:
- 6.3.1 require the owner to provide a report from a certified arborist that confirms the proposed pruning will benefit the tree; or
- 6.3.2 refuse to issue a permit.

- 6.4 Any pruning activity must be carried out in accordance with the conditions of the approved tree permit.

## **7. REMOVING HAZARDOUS TREES**

- 7.1 Owners and occupiers of real property must cause all trees on that property to be trimmed, removed, or cut down if the Director considers that the trees are:

- 7.1.1 a hazard to the safety of persons;
- 7.1.2 likely to damage public property; or
- 7.1.3 seriously inconveniencing the public.

- 7.2 The Director may serve notice to the property owner that the Township will be entitled to take the required action at the expense of the owner if no action is taken within five days of notice. The costs incurred by the Township in taking the required action may be recovered from the owner as a debt, and if not paid by December 31 of that year, the costs will be added to and form part of the property taxes payable, and will be deemed to be taxes in arrear, in accordance with section 258 of the *Community Charter*.

## **8. CUTTING NEAR A WATERCOURSE**

- 8.1 A person must obtain a tree permit before cutting or cutting down a tree growing within 15 metres of the natural boundary of a watercourse.

## **9. CUTTING OR REMOVAL ON A STEEP SLOPE**

- 9.1 A person must obtain a tree permit before cutting or cutting down a tree growing on any parcel of land where the grade of the incline on which the tree stands is 2:1 or greater

## **10. TREE RETAINED BY PLAN, PERMIT, APPLICATION**

- 10.1 A person must not cut down a tree shown as "to be retained" on a plan attached to a development permit, development variance permit, building permit, rezoning application or subdivision application.

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## **TREE PERMITS**

### **11. APPLICATION AND FEES**

- 11.1 Every application for a tree permit must be made to the Director on the form prescribed by the Director and must be accompanied by a non-refundable application fee and unit tree fee as follows:
  - 11.1.1 \$25 non-refundable application fee for the first three trees
  - 11.1.2 \$5 for each additional tree.
- 11.2 The application for a tree permit must be accompanied by a Tree Protection Plan identifying as applicable:
  - 11.2.1 the location, species and diameter of the tree or trees proposed to be cut down;
  - 11.2.2 the location, species and diameter of the tree or trees in respect to which tree damaging activities are to be carried out;
  - 11.2.3 the location of any proposed construction activities, excavation activities, blasting activities in relation to the tree.
- 11.3 The applicant for a permit must state on the application form the purpose for which the trees are to be cut down or damaged.

### **12. TREE PERMITS**

- 12.1 Every permit is issued upon the condition that the permit shall expire and the rights of the owner under the permit shall terminate if the work authorized by the permit has not been undertaken within one year of the date of the issuance of the permit.
- 12.2 As a permit condition, the Director may require that replacement trees be planted in accordance with the provisions of this bylaw.

### **13. MARKING TREES**

- 13.1 An applicant for a tree permit must flag each tree proposed to be cut down or removed.
- 13.2 An applicant for a tree permit must mark all of the following on the ground with paint, stakes, or flagging:
  - 13.2.1 the protected root zone of each tree shown on the plan accompanying the application for a tree permit

- 13.2.2 the boundaries of the areas within the protected root zones on which the proposed excavation, blasting or other tree-damaging activity is to be carried out.

#### **14. CONSTRUCTION ACTIVITY**

- 14.1 The holder of a development permit, development variance permit or building permit that permits construction on a lot where a protected tree is located, or the boundary of which is adjacent to municipal property containing a tree, must comply with all of the following conditions:
- 14.1.1 before excavation, blasting, construction, or other tree-damaging activity is carried out, the permit holder must install a fence of at least 1.2 metres (3.9 feet) high, or take other protective measures approved by the Director, to separate that land from the remainder of the protected root zone of a tree to which the permit applies;
  - 14.1.2 continuously maintain the fence or other protective measure until the completion of the work proposed to be carried out on the land to which the permit applies;
  - 14.1.3 post and continuously maintain on the fence or other protective measure an all-weather sign stating "Protected Root Zone – No Entry";
  - 14.1.4 if tree roots are cut by excavation, the permit holder must immediately wrap the remaining roots in a root curtain of wire mesh lined with burlap surrounded by posts;
  - 14.1.5 continuously keep a root curtain of wire mesh moist throughout the construction process;
  - 14.1.6 permit holder may prune and cut a protected tree's branches, limbs or roots only under the supervision of a certified arborist;
  - 14.1.7 permit holder is required to replace any trees damaged beyond repair during excavation, blasting or construction.

#### **15. EMERGENCY REMOVAL**

Notwithstanding any other provision in this Bylaw, a person may cut down a Protected Tree or Protected Tree Seedling or remove the limb of a Protected Tree with the advance authorization of the Director, if a certified arborist determines that:

- 15.1 the tree or limb of the tree has been severely damaged by a natural cause

- 15.2 the tree or limb of the tree is in imminent danger of falling and injuring persons or property.

## **16. EXEMPT TREES**

- 16.1 Nothing contained in this Bylaw applies to the installation, repair or maintenance of public works or services carried out by or under the authority of the Municipality on a highway, park, right-of-way or easement held by the Municipality,
- 16.2 Whenever it is proposed to cut down a tree or carry out a tree damaging activity in connection with the works or services described in section 15.1, other than an emergency repair, the proposed works must first be reviewed by the Director.

## **17. REPLACEMENT TREES**

- 17.1 In addition to any other penalty, any person who cuts down or damages a protected tree or protected tree seedling in contravention of this Bylaw, or a holder of a permit to remove a protected tree or protected tree seedling issued under this Bylaw, or who is required to plant a replacement tree for any other removal, must:
- 17.1.1 plant a replacement tree in approximately the same location as the tree removed of a size, in accordance with planting standards, and within a time prescribed by the Director;
  - 17.1.2 water, fertilize and maintain the replacement tree strictly in accordance with standards prescribed by the Director;
  - 17.1.3 provide to the Municipality security in the amount of 125% of the total cost of replacing and maintaining the tree as determined by the Director, for a period of three years in the form of cash or letter of credit to guarantee performance of the requirements of this section. No interest shall be paid on this amount.
- 17.2 When establishing standards for the size of replacement trees, the timing of replacement of trees, and determining the cost of replacing and maintaining trees under subsection 17.1.1 and 17.1.3 the Director will consider:
- 17.2.1 the size of the tree which was cut down or damaged in contravention of this Bylaw;
  - 17.2.2 the availability of acceptable replacement trees;
  - 17.2.3 generally accepted practices for the planting of trees.

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- 17.3 When establishing planting, watering, fertilization and maintenance standards for replacement trees as specified in Subsections 17.1.1 and 17.1.2 the Director will consider generally accepted practices for the propagation and maintenance of trees including the site conditions amenable to propagating a replacement tree, soil composition, adjacent surroundings, and moisture and drainage conditions.
- 17.4 No person may cut down any tree planted as a replacement tree pursuant to this section.
- 17.5 If the damage to a tree has not resulted in the removal of that tree, the Director may waive the requirement that a replacement tree be planted.
- 17.6 Where replacement planting cannot be carried out in the same location or other suitable location, in lieu of planting a replacement tree, the Director may require the property owner to contribute to the Tree Replacement and Maintenance Reserve Account for tree planting on municipal property. The amount required per tree will be determined by the Director, based on the value of the tree as appraised by a certified arborist.

## **18. RECONSIDERATION OF A DECISION**

- 18.1 A person that is subject to a decision of the Director under this Bylaw may request that Council reconsider the decision or any condition attached to the decision.
- 18.2 A request for reconsideration must:
- 18.2.1 be made in writing and submitted to the Municipal Clerk within 30 days of the date of the decision of the Director, and
  - 18.2.2 include a copy of the report prepared by a certified arborist submitted with the tree permit application.
- 18.3 Following receipt of a request for reconsideration under this Bylaw, the Municipal Clerk will:
- 18.3.1 notify the applicant of the time, date and place that the request for reconsideration will be placed before the Municipal Council;
  - 18.3.2 state that the reconsideration will include a reasonable opportunity to be heard or make written submission on the matter either in person, or through an agent, or both;
  - 18.3.3 mail or otherwise deliver the notification to the applicant at least five days before the date set for reconsideration by the Municipal Council.

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## GENERAL

### 19. ADMINISTRATION AND ENFORCEMENT

- 19.1 Subject to the requirements of section 16 of the *Community Charter*, the Director, or any municipal employee authorized by the Director, may have the right to enter at all reasonable times on any property to make an assessment or inspection for any purpose under this Bylaw.
- 19.2 A person must not prevent or obstruct or attempt to prevent or obstruct entry authorized under 19.1.

### 20. OFFENCES AND PENALTIES

- 20.1 Any person who contravenes any provision of this Bylaw is guilty of an offence and is subject to the penalties imposed by this Bylaw, the Ticket Bylaw, and the *Offence Act*.
- 20.2 The minimum penalty for each protected tree that is cut down, altered, or damaged in contravention of this Bylaw is a fine of not less than:
- 20.2.1 \$500 for a first offence.
- 20.2.2 \$1000 for a second or subsequent offence.
- 20.3 The minimum penalty for each protected tree seedling that is cut down, altered, or damaged in contravention of this Bylaw is a fine of not less than:
- 20.3.1 \$250 for a first offence.
- 20.3.2 \$500 for a second or subsequent offence.
- 20.4 The minimum penalty for each tree growing within 15 metres of the natural boundary of a watercourse cut or cut down in contravention of this Bylaw is a fine of not less than:
- 20.4.1 \$500 for a first offence.
- 20.4.2 \$1000 for a second or subsequent offence
- 20.5 The minimum penalty for each tree growing on any parcel of land where the grade of the incline on which the tree stands is 2:1 or greater cut or cut down in contravention of this Bylaw is a fine not less than:
- 20.5.1 \$500 for a first offence.
- 20.5.2 \$1000 for a second or subsequent offence.

20.6 It is an offence under this Bylaw for any owner or occupier of land, or any person acting under the authority of an owner or occupier, to hire, permit or suffer another persons to cut down or damage a tree, or do any other act prohibited by this Bylaw.

**21. SEVERABILITY**

Any section, subsection, sentence, clause or phrase of this Bylaw which for any reason held to be invalid by the decision of any Court of competent jurisdiction, may be severed from the balance of this Bylaw without affecting the validity of the remaining portions of this Bylaw.

**22. REPEAL**

That *Tree Protection Bylaw, 1992, No. 2047*, and any amendments thereto, are hereby REPEALED.

Read a first time by the Municipal Council on the 15<sup>th</sup> day of October, 2007.

Read a second time by the Municipal Council on 15<sup>th</sup> day of October, 2007.

Read a third time by the Municipal Council on 15<sup>th</sup> day of October, 2007.

Rescinded third reading on the 19<sup>th</sup> day of November, 2007.

Re-read a third time as amended on the 19<sup>th</sup> day of November, 2007.

**ADOPTED** by the Municipal Council on the 03<sup>rd</sup> day of December, 2007.

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CHRIS CLEMENT  
MAYOR

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DONNA DUPAS  
MUNICIPAL CLERK

**SCHEDULE 'A'**  
**SIGNIFICANT (HERITAGE) TREE LIST**

<b>SPECIES</b>	<b>COMMON NAME</b>	<b>#</b>	<b>CLASS</b>	<b>STREET &amp; ADDRESS</b>	<b>LOCATION</b>
Abies alba	Silver Fir		ACD	1182 Old Esquimalt Road	Pooley Estate North side of house
Acer macrophyllum	Bigleaf Maple	0344-00	F	Esquimalt Road	CFB Esquimalt
Acer palmatum dissectum	Cutleaf Japanese Maple	0294-02	ACD	1182 Old Esquimalt Road	Pooley Estate Right of front entrance
Araucaria araucana	Monkey Puzzle(M)	0151-00	AF	549 Lampson Street	
Arbutus menziesii	Arbutus	0113-00		Esquimalt Road	CFB Esquimalt - Between Bldgs. 56&57
Arbutus menziesii	Arbutus	0126-00	A	Fraser Street	Saxe Point Park
Calocedrus decurrens	Incense Cedar	0138-00	CDF	625 Bryden Court	
Calocedrus decurrens	Incense Cedar	0139-00	ACD	626 Bryden Court	In back garden
Calocedrus decurrens	Incense Cedar	0131-01	CDF	630 Bryden Court	Corner of Bryden Court
Calocedrus decurrens	Incense Cedar	0294-03	ACD	1182 Old Esquimalt Road	Pooley Estate Rear of the House by Drive
Cupressus macrocarpa	Monterey Cypress	0128-00	F	Fraser Street	Tot Lot
Fagus sylvatica purpurea	Purple Beech	0144-00	AC	835 Dunsmuir Road	Behind house, Cedrus deodora 0145
Fraxinus Americana	White Ash	0161-00	ACD	1134 Esquimalt Road	2 trees, see almus 0159 & 0160-00

**SCHEDULE 'A'**  
**SIGNIFICANT (HERITAGE) TREE LIST**

<b>SPECIES</b>	<b>COMMON NAME</b>	<b>#</b>	<b>CLASS</b>	<b>STREET &amp; ADDRESS</b>	<b>LOCATION</b>
Pinus contorta	Shore Pine	0285-00	A	611 Constance Avenue	
Pinus densiflora umbraculifera	Tanyosho Pine	0132-01	ABCD	Tillicum Road	Esquimalt Gorge Park
Pinus ponderosa	Ponderosa Pine	0154-00	A	357 Lampson Street	
Pinus ponderosa	Ponderosa Pine	0153-00	F	1183 Munro Street	
Quercus garryana	Garry Oak	0077-14	CD	Esquimalt Road	Esquimalt Memorial Park – opp Mun. Hall
Quercus garryana	Garry Oak	0136-00	C	Esquimalt Road	Memorial Park – opp. Mun. Hall – Quercus 0077-14
Quercus robur	English Oak	0077-13	CD	Grenville Avenue	Bldv. at corner of Park Terrace
Robinia psuedoacacia	Black Locust	0146-00	AE	1121 Munro Street	2 trees
Sequoiadendron giganteum	Giant Sequoia	0149-00	AF	626 Bryden Court	Back Garden, Calocedrus Decur 0139
Sequoiadendron giganteum	Giant Sequoia	0135-00	C	847 Dunsmuir Road	Salvation Army Matson Lodge
Taxus baccata	European Yew	0150-00	A	620 Bryden Court	On edge of boulevard
Ulmus americana	American Elm	0160-00	CF	1134 Esquimalt Road	See Ulmus 0159-01 & Fraxinus 0161-00
Ulmus americana	American Elm	0159-01	CDF	1124 Esquimalt Road	In front of Plaza Court (3 trees)
Ulmus glabra camperdownii	Camperdown Elm	0013-00	F	859 Carrie Street	

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Ulmus procera suberosa	Cork Bark English Elm	0158-00	A	330 Kinver Street	
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**Trees may receive significant (heritage) designation under one or more of the following classes:**

- A. Outstanding specimen in size or shape**
- B. Rare or unique growth**
- C. Historical – planted by a pioneer or has other historical background**
- D. Group – may be along a boulevard or in a garden or park**
- E. Area – all of the trees in a specific area**
- F. Landmark – Usually a single well-known tree.**

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**SCHEDULE 'B'**  
**ELEMENTS OF A REQUIRED TREE PROTECTION PLAN**

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Elements of a Required Tree Protection Plan:

1. Inventory all the trees on your site, indicating which ones you will retain and which ones you propose to remove.
2. Store all excavation and building material away from retained trees.
3. Use an access route to your site that avoids impact on the root zones of adjacent trees.
4. Locate concrete washout areas away from retained trees (preferably down slope) and away from proposed and existing garden areas.
5. Build a tree protection barrier to protect retained trees during construction.
6. Obtain a Tree Cutting or Removal Permit for those trees that have been approved for removal.

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**SCHEDULE 'C'**  
**TREE PROTECTION BARRIER REQUIREMENTS**

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Minimum tree protection barrier requirements.

