Scotty Tree & Arborist Service Ltd.

Tree Assessment and Development Report

Prepared for 903 Sherk, Victoria BC
SUBMITTED
15 May, 2023

Scott Mitchell
ISA Arborist PN-6138-A
Hazard Tree Assessor CTRA 309
TRAQ certified
250-220-9298

To whom it may concern,

By request, Scotty Tree & Arborist Service Ltd has assessed the trees on the property of 903 Sherk St, Victoria BC for a home extension and deck replacement.

Executive Summary:

The proposal removes and partially replaces an existing deck to facilitate a home addition. No impacts to trees are expected, as such Victoria parks has requested a memo instead of a tree management plan. This simplified report will detail access points and anti-compaction (root armouring) measures if machinery access transits besides off site Elm trees.

Tree impact summary table

Tree status	Total	retained	removed	planted
On site bylaw protected	0	0	0	0
On site non-bylaw protected	2	2	0	0
Municipal trees	0	0	0	0
Neighboring bylaw protected	7	7	0	0
Neighboring non-bylaw protected	10	10	0	0
total	19	19	0	0

Introduction:

Scotty tree was contracted to assess the trees on this property to determine the impact of a deck replacement and home extension. The entire property was visually assessed, including neighboring trees. Ass this is a minor project that is not expected to impact trees this report is limited to anti compaction measures in the event site access for machinery impacts neighbouring trees.

Methodology:

Detailed analysis of the proposed development plan was used to inform analysis of the trees, particularly in terms of the underground service excavation locations. Scotty Tree used standard arboricultural observation and physical examinations to determine tree health and confirm rooting areas. Soil analysis was conducted by physical exploration. Consultation with the leading reference book (*Trees and Development*, Nelda Matheny and James R. Clark) was used to determine tree impacts for home extension and deck replacement on this property.

Observations and Discussion:

1. **Access to site:**

Given the limited scope of the project, material and worker access can be facilitated through the existing gate. This will avoid any root zones of the neighbouring elm trees.

2. **Construction access to the east side of house:**

Root armouring (2 X 19mm plywood or 20cm wood chips) will be required up to 5m from the eastern property line if construction access is required. *See attached basic site plan.*

3. **Existing pavers and shrubbery to be kept in place to protect cedars:**

The shrubbery, retaining walls and paving stones 3.5m from the 30cm cedar tree should be maintained to protected the roots of this tree. *See attached basic site plan.*

Conclusions:

The proposal is viable from a tree management perspective. Ideally, no construction access around the east side of the house would be utilized. Maintaining the in-place landscaping 3.5m from the cedar tree adjacent the house extension will be important to stop root damage.

Recommendations:

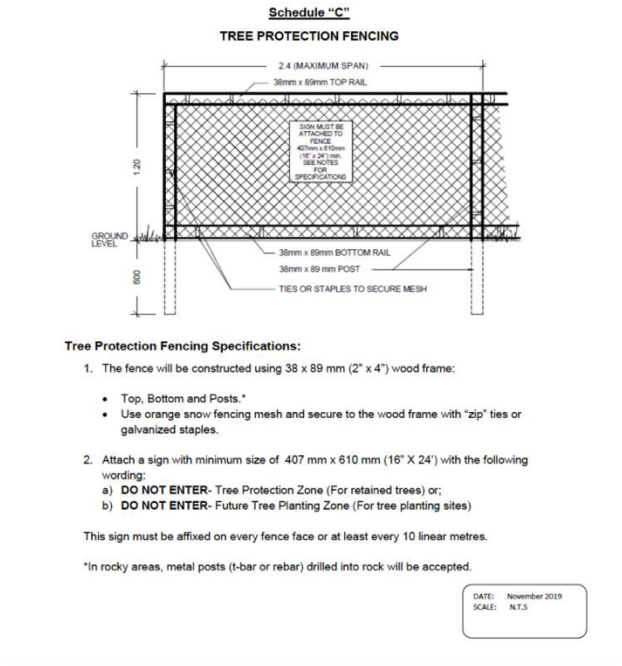
1. **Arborist supervision for access to eastern portion of property or 3.5m from cedar tree:**

If construction access is required in the identified areas (within 3.5m of the cedar tree, or 5m from eastern property line), arborist supervision and or direction is required.

2. **Protective fencing:**

Note: This is the Victoria protective fence document guide for installation and signage.

SCHEDULE "D"
TREE PROTECTION BARRIER REQUIREMENTS



a. Establish a protective fence for neighbouring elm trees:

Although this fence does not fully capture the root zones of the stand of trees, the protection buffer will stop material storage or unintentional vehicle and machinery impacts to the areas closest to these trees. Fence removal for construction access to this area will require arborist supervision or direction. *See attached basic site plan.*

For further clarifications feel free to text 250-220-9298.

Sincerely,

Scott Mitchell
Submitted
15 May, 2023

ISA Arborist, PN-6138-A, PNW CTRA 309, TRAQ certified
Pacific Northwest Hazard Tree Assessor, CTA 309

Scotty Tree & Arborist Service
#7 10075 Fifth St, Sidney BC, V8L-2X8

TREE MANAGEMENT SITE PLAN

MODIFIED FROM CLIENT PROVIDED SITE PLAN
For informational purposes only
15 May , 2023

Scotty Tree and Arborist
#7 10075 Fifth St
Sidney, BC, V8L 2X8

Shrubs and landscaping remain in place for 3.5m.

Root armouring up to 5m required for construction access.

Ideal constrcution access

Fence from corner of house to PL (gate optional).

Soil volume for planting area 1
7m by 4m

LOT 1
PLAN VIP60111

LOT 2
PLAN VIP60111

LOT 2
BLOCK 5
PLAN 833

LOT B
PLAN 20390

LOT 28
PLAN 973

PART
SECTION 31

SHERK STREET

EH144624 - EASEMENT

Cedar 29cm
Cedar 29cm
Elm Ø0.40
Elm Ø0.40
Elm Ø0.40
ELm Ø0.40
Elm 29cm

RETAINING WALL
RETAINING WALL
STAIRS
DECK
HOUSE
PEAK ELEV=18.19
EAVE ELEV=15.28
SILL ELEV=10.62
COVERED ENTRY
CANTILEVER
CANTILEVER
STAIRS
STAIRS
DRIVEWAY (ASPHALT)
HEDGE

15.18
11.33
11.60
11.65
3.24
3.24
2.42
1.91
0.50
3.91
23.87
7.09
6.08
10.95
10.70
6.10
1.00
3.04
21.44
3.16
1.10
0.81
3.79
0.69
1.14
1.96
0.91
1.10
0.75
0.74
2.23
0.76
0.43
2.23
0.41
1.51

10.43 10.41 10.43 10.45 10.33 9.56 8.25 7.57 7.54 7.86 7.55 8.81 8.47 8.72 8.84 8.83 8.96 9.13 9.49

Protected Root Zone established by DBH or assessments

Canopy Spread

X Tree to be removed

Potential Tree Replacement soil Zone

Anti-compaction Zone (2 X 19mm plywood/20cm wood chips)

Protective Fencing

Unfenced protected area - no storage of material or contruction activities without arborist supervision. No transiting machinery or vehicles without arborist supervision and/or anti-compaction measures.

Hedges / shrubs as per development plans

Replacement tree area as per development plans