



Arborist Report

Inventory and Assessment of Trees Associated to Development at
43730 Old Orchard Road, Chilliwack

November 30, 2017

Krisanna Mazur, BHS in Urban Ecosystems
ISA Certified Arborist and Tree Risk Assessor PN 7530A

Assignment and Methodology

Woodridge Tree has been retained to undertake an inventory and assessment of trees associated to the development of 43730 Old Orchard Road, Chilliwack. The objective is to make tree preservation and protection recommendations in the context of municipal permits, rules and regulations for development.

Associated trees were visually assessed to determine species, diameter at breast height (dbh) and characteristic description. Tree diameters were measured at 1.4 meters height with a diameter tape. Protection areas were calculated for all trees within range of the property. Tree hazards were assessed according to International Society of Arboriculture standards using the TRAQ (Tree Risk Assessment Qualification) method. Recommendations for removal or retention are based on assessment outcome and proximity of trees to structure and infrastructure.

The observations recorded are based on inspections performed on November 29, 2017.



aerial image of property before redevelopment

Findings

The property at 43730 Old Orchard Road, Chilliwack is located on the South side of Old Orchard Road near the intersection of Copper Ridge Drive. At the time of observation a two storey house stood on the lot. Associated trees were comprised of native conifers and ornamental deciduous species. Trees located on the subject property, City and neighbours' trees close to the property lines are considered in the findings of this report.



image of property from street at time of field data collection

Tree Inventory and Assessment

- **dbh**- Diameter at 1.4m height measured in centimeters
 - on trees with multiple stems the 3 largest sections measured at 1.4m are combined to make up the total.
- **critical root zone (CRZ)** = dbh x 6 unless otherwise specified
- **LCR** = live crown ratio, percentage of live crown remaining
- **os**-- off site tree
- **ci**-- City owned tree

tag 265	species <i>Pseudotsuga menziesii</i> Douglas Fir	dbh 82cm CRZ 4.92m	description On City property. Straight, single stem, natural form, tall 40% LCR tree is located in conflict with the proposed road	action Remove - requires City's permission
tag 266	species <i>Thuja plicata</i> Western Red Cedar	dbh 59cm CRZ 3.54m	description Ownership unclear, appears to be on neighbour's property. Straight, single stem, natural form but sparse, 90% LCR tree is located in conflict with the proposed road	action Remove - requires neighbour's permission
tag 267	species <i>Thuja plicata</i> Western Red Cedar	dbh 88cm CRZ 5.28m	description Straight, single stem, natural form, 90% LCR tree is located in conflict with the proposed road	action remove
tag 268	species <i>Pseudotsuga menziesii</i> Douglas Fir	dbh 52cm CRZ 3.12m	description Straight, single stem, forest habit, 80% LCR tree is located in conflict with the proposed road	action remove
tag 269	species <i>Thuja plicata</i> Western Red Cedar	dbh 45cm CRZ 2.70m	description Straight, single stem, natural form, shares crown with 270, 90% LCR tree is located in conflict with the proposed road	action remove

tag 270	species <i>Thuja plicata</i> Western Red Cedar	dbh 37cm CRZ 2.22m	description Straight, single stem, natural form, shares crown with 269, 90% LCR tree is located in conflict with the proposed road	action remove
tag 271	species <i>Pseudotsuga menziesii</i> Douglas Fir	dbh 54cm CRZ 3.24m	description Straight, single stem, natural form, 80% LCR tree is located in conflict with the proposed road	action remove
tag 272	species <i>Chamaecyparis lawsoniana</i> Lawson's Cypress	dbh 34cm CRZ 2.04m	description Straight, single stem, natural form but unbalanced to west, 100% LCR tree is located in conflict with the proposed road	action remove
tag 273	species <i>Picea omorika</i> Serbian Spruce	dbh 29cm CRZ 1.74m	description Straight, single stem, natural form, approximately 40' tall, 90% LCR tree is located in conflict with the proposed road	action remove
tag 274	species <i>Picea omorika</i> Serbian Spruce	dbh 20cm CRZ 1.20m	description Straight, single stem, narrow crown, recently topped, 70% LCR tree is located in conflict with the proposed road	action remove
tag 275	species <i>Abies grandis</i> Grand Fir	dbh 110cm CRZ 6.60m	description Straight, single stem, natural form but sparse, large, 80% LCR tree will be critically impacted by regrading of lot	action remove
tag 276	species <i>Thuja plicata</i> Western Red Cedar	dbh 39cm CRZ 2.34m	description Self correcting lean at base, in retaining wall, natural form tree will be critically impacted by regrading of lot	action remove

tag 277	species <i>Thuja plicata</i> Western Red Cedar	dbh 54cm CRZ 3.24m	description On City property. Straight, single stem, natural form, 90% LCR tree is located in conflict with the proposed road	action Remove - requires City's permission
tag 278	species <i>Cornus kousa</i> Dogwood	dbh 23cm CRZ 1.38m	description On City property. Multi stemmed at base, natural form, 6m wide crown tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 279	species <i>Thuja plicata</i> Western Red Cedar	dbh 46cm CRZ 2.76m	description On City property. Straight, single stem, natural form, 80% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 280	species <i>Thuja plicata</i> Western Red Cedar	dbh 80cm CRZ 4.80m	description On City property. Straight, dual stem, natural form, 90% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 281	species <i>Thuja plicata</i> Western Red Cedar	dbh 27cm CRZ 1.62m	description On City property. Straight, single stem, forest habit tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 282	species <i>Thuja plicata</i> Western Red Cedar	dbh 65cm CRZ 3.90m	description On City property. Straight, dual stem, natural form, 80% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 283	species <i>Thuja plicata</i> Western Red Cedar	dbh 73cm CRZ 4.38m	description On City property. Straight, single stem, natural form, 90% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission

tag 284	species <i>Thuja plicata</i> Western Red Cedar	dbh 24cm CRZ 1.44m	description On City property. Straight, single stem, natural form, 50% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 285	species <i>Thuja plicata</i> Western Red Cedar	dbh 51cm CRZ 3.06m	description On City property. Straight, dual stem, natural form, 90% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 286	species <i>Thuja plicata</i> Western Red Cedar	dbh 35cm CRZ 2.10m	description On City property. Straight, single stem, natural form, 70% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 287	species <i>Thuja plicata</i> Western Red Cedar	dbh 36cm CRZ 2.16m	description On City property. Straight, single stem, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 288	species <i>Thuja plicata</i> Western Red Cedar	dbh 56cm CRZ 3.36m	description On City property. Straight, single stem, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 289	species <i>Thuja plicata</i> Western Red Cedar	dbh 43cm CRZ 2.58m	description On City property. Straight, single stem, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 290	species <i>Thuja plicata</i> Western Red Cedar	dbh 18cm CRZ 1.08m	description On City property. Straight, single stem, natural form, 30% LCR, small tree is located in conflict with frontage improvement	action Remove - requires City's permission

tag 291	species <i>Thuja plicata</i> Western Red Cedar	dbh 28cm CRZ 1.68m	description On City property. Straight, single stem, natural form, 30% LCR, small tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 292	species <i>Thuja plicata</i> Western Red Cedar	dbh 36cm CRZ 2.16m	description On City property. Straight, single stem, natural form, 70% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 293	species <i>Thuja plicata</i> Western Red Cedar	dbh 24cm CRZ 1.44m	description On City property. Straight, single stem, natural form, 70% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 294	species <i>Thuja plicata</i> Western Red Cedar	dbh 17cm CRZ 1.02m	description On City property. Self correcting lean at base, forest habit tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 295	species <i>Thuja plicata</i> Western Red Cedar	dbh 45cm CRZ 2.70m	description On City property. Straight, single stem, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 296	species <i>Thuja plicata</i> Western Red Cedar	dbh 49cm CRZ 2.94m	description On City property. Straight, single stem, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 297	species <i>Thuja plicata</i> Western Red Cedar	dbh 54cm CRZ 3.24m	description On City property. Straight, single stem, natural form, 95% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission

tag 298	species <i>Thuja plicata</i> Western Red Cedar	dbh 44cm CRZ 2.64m	description On City property. Straight, single stem, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 299	species <i>Thuja plicata</i> Western Red Cedar	dbh 60cm CRZ 3.60m	description On City property. Straight, dual stem, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag 300	species <i>Thuja plicata</i> Western Red Cedar	dbh 82cm CRZ 4.92m	description Straight, single stem, natural form, 90% LCR tree will be critically impacted by regrading of lot	action remove
tag 301	species <i>Thuja plicata</i> Western Red Cedar	dbh 64cm CRZ 3.84m	description Straight, single stem, natural form, 90% LCR tree will be critically impacted by regrading of lot	action remove
tag 302	species <i>Thuja plicata</i> Western Red Cedar	dbh 116cm CRZ 6.96m	description Straight, single stem, natural form, 90% LCR, large tree will be critically impacted by regrading of lot	action remove
tag 303	species <i>Thuja plicata</i> Western Red Cedar	dbh 80cm CRZ 4.80m	description Previously topped, 70% LCR tree will be critically impacted by regrading of lot	action remove
tag 304	species <i>Thuja plicata</i> Western Red Cedar	dbh 65cm CRZ 3.90m	description Previously topped, 90% LCR tree will be critically impacted by regrading of lot	action remove

tag 305	species <i>Thuja plicata</i> Western Red Cedar	dbh 89cm CRZ 5.34m	description Previously topped, 80% LCR tree will be critically impacted by regrading of lot	action remove
tag 306	species <i>Thuja plicata</i> Western Red Cedar	dbh 75cm CRZ 4.50m	description Previously topped, 100% LCR tree will be critically impacted by regrading of lot	action remove
tag 307	species <i>Tsuga heterophylla</i> Western Hemlock	dbh 71cm CRZ 4.26m	description Previously topped, 95% LCR tree will be critically impacted by regrading of lot	action remove
tag 308	species <i>Thuja plicata</i> Western Red Cedar	dbh 64cm CRZ 3.84m	description Straight, single stem, natural form, 95% LCR tree will be critically impacted by regrading of lot	action remove
tag 309	species <i>Thuja plicata</i> Western Red Cedar	dbh 65cm CRZ 3.90m	description Straight, single stem, natural form, 95% LCR tree will be critically impacted by regrading of lot	action remove
tag 310	species <i>Thuja plicata</i> Western Red Cedar	dbh 40cm CRZ 2.40m	description Straight, single stem, natural form, 90% LCR tree will be critically impacted by regrading of lot	action remove
tag 311	species <i>Thuja plicata</i> Western Red Cedar	dbh 68cm CRZ 4.08m	description Straight, single stem, natural form, 100% LCR tree will be critically impacted by regrading of lot	action remove

tag 312	species <i>Thuja plicata</i> Western Red Cedar	dbh 108cm CRZ 6.48m	description Straight, dual stem, natural form, 100% LCR tree will be critically impacted by regrading of lot	action remove
tag 313	species <i>Thuja plicata</i> Western Red Cedar	dbh 72cm CRZ 4.32m	description Straight, dual stem, natural form, 90% LCR tree will be critically impacted by regrading of lot	action remove
tag 314	species <i>Thuja plicata</i> Western Red Cedar	dbh 27cm CRZ 4.63m	description Straight, single stem, natural form, 80% LCR tree will be critically impacted by regrading of lot	action remove
tag 315	species <i>Thuja plicata</i> Western Red Cedar	dbh 109cm CRZ 6.54m	description On City property. Dual stemmed at base, previously topped at 12' with regenerated leaders, shares crown with 316, overall natural form	action install barrier to dripline
tag 316	species <i>Thuja plicata</i> Western Red Cedar	dbh 95cm CRZ 5.70m	description On City property. Dual stemmed at base, previously topped at 12' with regenerated leaders, shares crown with 315, overall natural form	action install barrier to dripline
tag 317	species <i>Thuja plicata</i> Western Red Cedar	dbh 61cm CRZ 3.66m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 318	species <i>Thuja plicata</i> Western Red Cedar	dbh 30cm CRZ 1.80m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline

tag 319	species <i>Thuja plicata</i> Western Red Cedar	dbh 31cm CRZ 1.86m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 320	species <i>Thuja plicata</i> Western Red Cedar	dbh 93cm CRZ 5.58m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 321	species <i>Thuja plicata</i> Western Red Cedar	dbh 45cm CRZ 2.70m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 322	species <i>Thuja plicata</i> Western Red Cedar	dbh 41cm CRZ 2.46m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 323	species <i>Thuja plicata</i> Western Red Cedar	dbh 88cm CRZ 5.28m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 324	species <i>Thuja plicata</i> Western Red Cedar	dbh 32cm CRZ 1.92m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 325	species <i>Thuja plicata</i> Western Red Cedar	dbh 22cm CRZ 1.32m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 326	species <i>Thuja plicata</i> Western Red Cedar	dbh 37cm CRZ 2.22m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline

tag 327	species <i>Thuja plicata</i> Western Red Cedar	dbh 57cm CRZ 3.42m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 328	species <i>Thuja plicata</i> Western Red Cedar	dbh 43cm CRZ 2.58m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 329	species <i>Thuja plicata</i> Western Red Cedar	dbh 24cm CRZ 1.44m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 330	species <i>Thuja plicata</i> Western Red Cedar	dbh 25cm CRZ 1.50m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 331	species <i>Thuja plicata</i> Western Red Cedar	dbh 23cm CRZ 1.38m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 332	species <i>Thuja plicata</i> Western Red Cedar	dbh 41cm CRZ 2.46m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 333	species <i>Thuja plicata</i> Western Red Cedar	dbh 40cm CRZ 2.40m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 334	species <i>Thuja plicata</i> Western Red Cedar	dbh 54cm CRZ 3.24m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline

tag 335	species <i>Thuja plicata</i> Western Red Cedar	dbh 35cm CRZ 2.10m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 336	species <i>Thuja plicata</i> Western Red Cedar	dbh 39cm CRZ 2.34m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 337	species <i>Thuja plicata</i> Western Red Cedar	dbh 43cm CRZ 2.58m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 338	species <i>Thuja plicata</i> Western Red Cedar	dbh 50cm CRZ 3.00m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 339	species <i>Thuja plicata</i> Western Red Cedar	dbh 31cm CRZ 1.86m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 340	species <i>Thuja plicata</i> Western Red Cedar	dbh 31cm CRZ 1.86m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 341	species <i>Thuja plicata</i> Western Red Cedar	dbh 41cm CRZ 2.46m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 342	species <i>Thuja plicata</i> Western Red Cedar	dbh 33cm CRZ 1.98m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline

tag 343	species <i>Thuja plicata</i> Western Red Cedar	dbh 62cm CRZ 3.72m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 344	species <i>Thuja plicata</i> Western Red Cedar	dbh 25cm CRZ 1.50m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 345	species <i>Thuja plicata</i> Western Red Cedar	dbh 35cm CRZ 2.10m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 346	species <i>Thuja plicata</i> Western Red Cedar	dbh 92cm CRZ 4.80m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 347	species <i>Thuja plicata</i> Western Red Cedar	dbh 27cm CRZ 1.38m	description On City property. Maintained as hedgerow, good density and colour	action install barrier to dripline
tag 348	species <i>Tsuga heterophylla</i> Western Hemlock	dbh 80cm CRZ 3.00m	description Growing on nurse stump, straight, single stem, natural form, 90% LCR tree will be critically impacted by regrading of lot	action remove
tag 349	species <i>Quercus spp.</i> Oak	dbh 23cm CRZ 1.20m	description Straight, single stem, natural form, 30' tall, 90% LCR tree will be critically impacted by regrading of lot	action remove
tag os1	species <i>Betula nigra</i> River Birch	dbh 50cm CRZ 3.00m	description Mostly dead tree will be critically impacted by regrading of lot	action Remove - requires neighbour's permission

tag ci1	species <i>Thuja plicata</i> Western Red Cedar	dbh 20cm CRZ 1.20m	description Self correcting lean, on steep slope, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission
tag ci2	species <i>Thuja plicata</i> Western Red Cedar	dbh 40cm CRZ 2.40m	description Self correcting lean, on steep slope, natural form, 100% LCR tree is located in conflict with frontage improvement	action Remove - requires City's permission

Summary Table

	subject property	off-site	City property
# of trees in total	27	2	59
# to be removed	27	2	26
# to be protected	0	0	33
# trees required per developable area	0.52 ha = 26 trees no replacements required	unknown	included in replacement for subject property
# replacement trees proposed	9	n/a	12

Images



Image 1: trees at the entrance to the property



Image 2: trees at northeast end of driveway



Image 3: trees #273 and 274



Image 4: trees #302-304



Image 5: trees #303-309



Image 1: City owned hedgerow along Chilliwack Mountain Road

Conclusion

Property, plans and trees have been assessed by arborist to determine tree management recommendations for construction. Those recommendations follow:

Recommended Tree Removals:

- Trees #265-314, 348, 349, os1, ci1 and ci2 are recommended for removal because they are located in conflict with construction. Trees #265, 277-299, ci1 and ci2 require City's permission. Trees #266 and os1 require neighbour's permission

Recommended Tree Protection:

- Tree barriers shown on the "Tree Plan for Development" are to be installed and kept in place during the entire duration of construction.

Replacement Trees:

- Developable area is 0.52 ha, therefore 26 trees are required on site. 33 trees are recommended for retention, so no replacement trees are required, but 21 are specified on the "Replacement Tree Plan"

Limitations and Assumptions

- This report was prepared for and on behalf of the client and it is intended solely for their use. Woodridge Tree Consulting Arborists Ltd. shall not accept any liability derived from the partial, unintended, unauthorized or improper use of this report.
- This report is restricted to the subject trees as detailed in the report. No other trees were inspected or assessed as part of the work related to the preparation of this report.
- The accuracy and ownership of the locations of trees, property lines and other site features were not verified by Woodridge Tree. Third party information to the consultant may have been relied upon in the formation of the opinion of the consultant in the preparation of this report, and that information is assumed to be true and correct.
- The use of maps, sketches, photographs and diagrams are intended only as a reference for the readers use in understanding the contents and findings of this report, and are not intended as a representation of fact.
- Approvals from a municipal or senior government agency may be required in relation to certain recommendations and treatments provided in this report. The owner is responsible to make application for, pay related fees and meet all requirements and conditions for the issuance of such permits, approvals or authorizations.

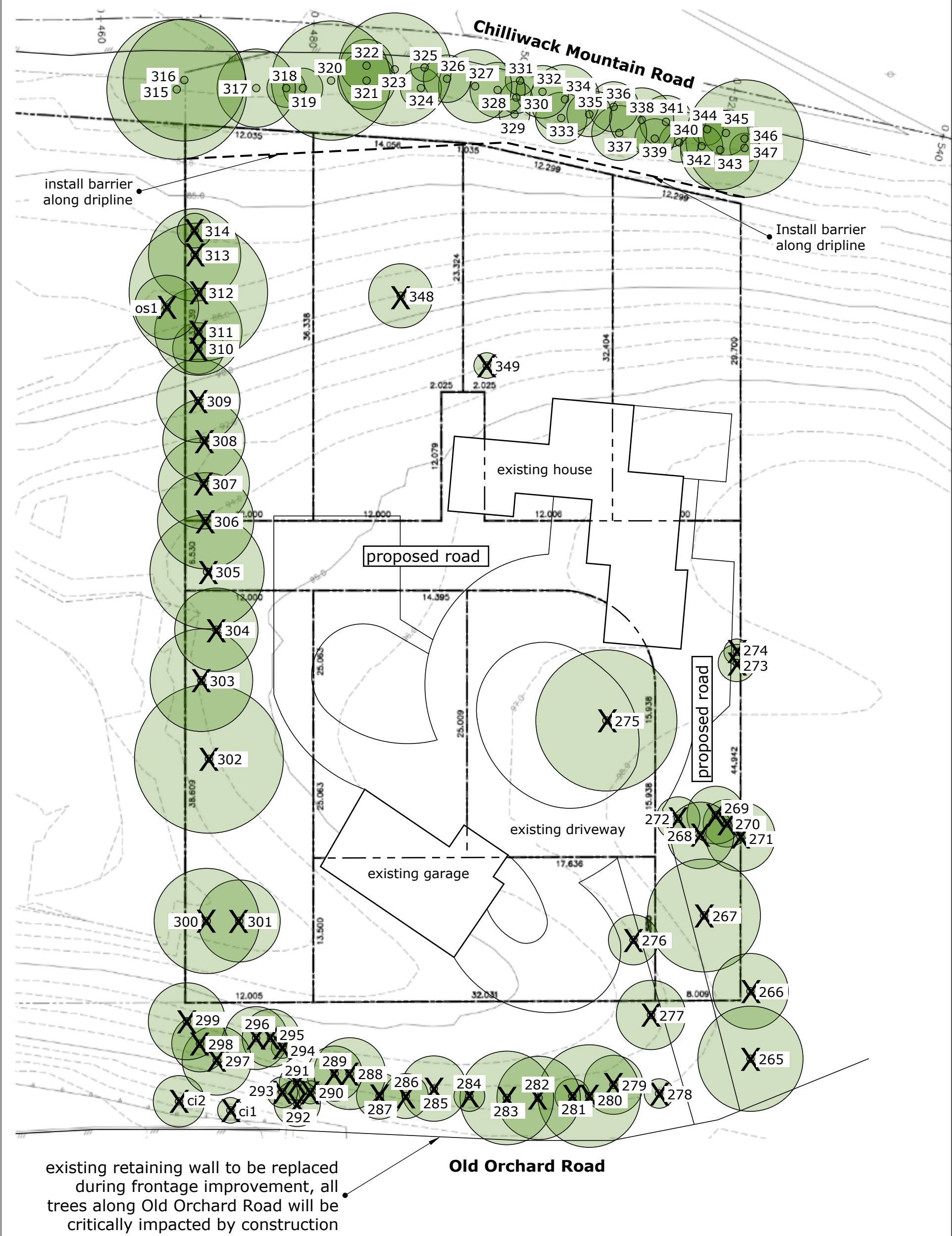
I certify to the best of my knowledge or belief that:

- staff from this firm have performed site inspections on the dates as stated herein.
- the findings are based on information known to the consultant at that time.
- the statements of fact determined by the consultant are true and correct.

If there are questions regarding the contents of this report please contact our office.



Krisanna Mazur
ISA Certified Arborist and Tree Risk Assessor
PN 7530A
Woodridge Tree Consulting Arborists Ltd.
krisanna@woodridgetree.com
778-847-0669





WOODRIDGE TREE
CONSULTING ARBORISTS LTD

**Tree Plan for Construction at
43730 Old Orchard Road
Chilliwack, BC**

Notes:

- all tree locations are approximate
- lot will be regraded as part of the development, all trees on the lot will conflict with regrading

Date: November 30, 2017

Legend

N

x = remove tree

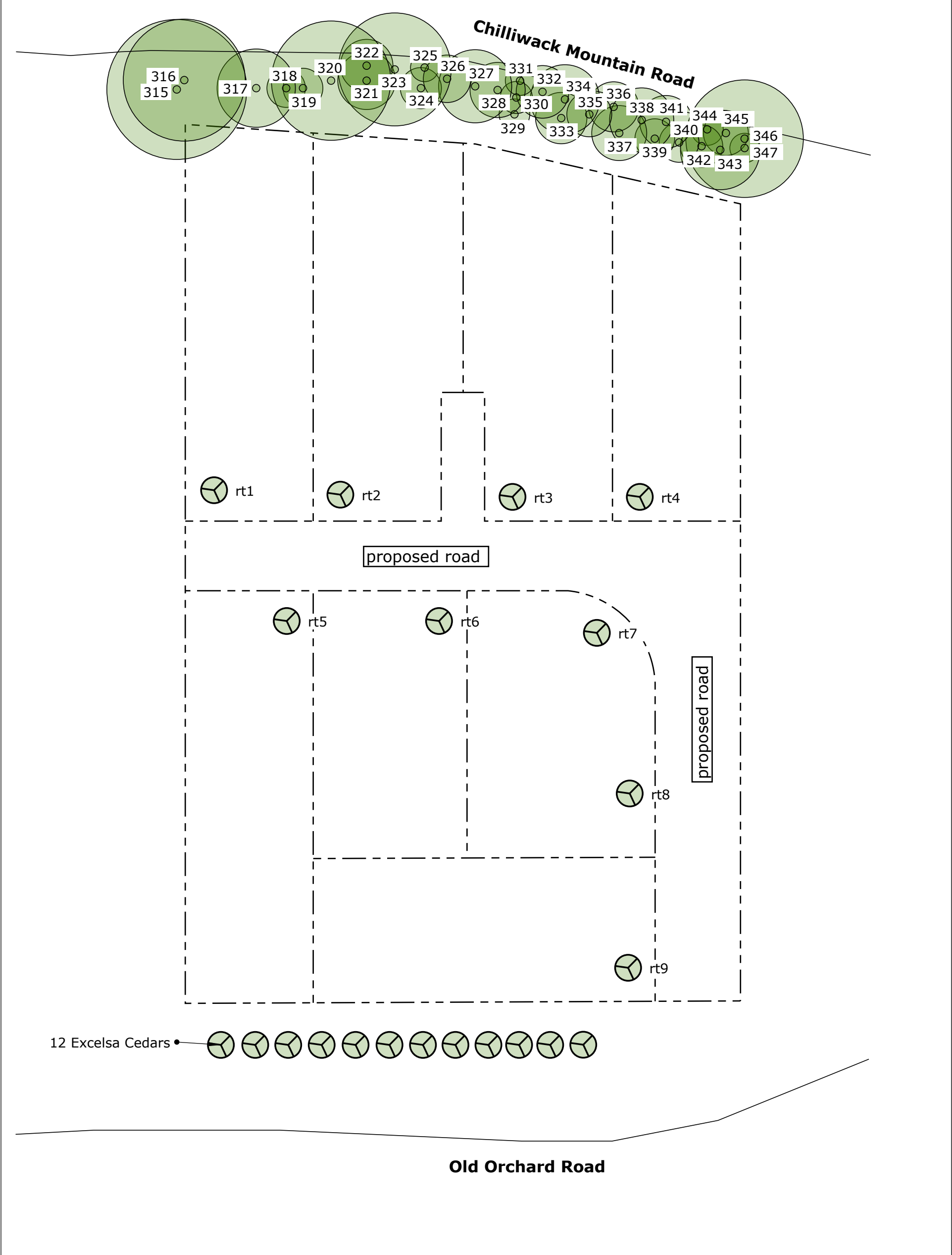
[tree barrier]



1m 10m

1:350

Tag	Species	DBH (cm)	TPZ (m)	Tag	Species	DBH (cm)	TPZ (m)
265	Douglas Fir	82	4.92	309	Western Red Cedar	65	3.90
266	Western Red Cedar	59	3.54	310	Western Red Cedar	40	2.40
267	Western Red Cedar	88	5.28	311	Western Red Cedar	68	4.08
268	Douglas Fir	52	3.12	312	Western Red Cedar	108	6.48
269	Western Red Cedar	45	2.70	313	Western Red Cedar	72	4.32
270	Western Red Cedar	37	2.22	314	Western Red Cedar	27	1.62
271	Douglas Fir	54	3.24	315	Western Red Cedar	109	6.54
272	Lawson's Cypress	34	2.04	316	Western Red Cedar	95	5.70
273	Serbian Spruce	29	1.74	317	Western Red Cedar	61	3.66
274	Serbian Spruce	20	1.20	318	Western Red Cedar	30	1.80
275	Grand Fir	110	6.60	319	Western Red Cedar	31	1.86
276	Western Red Cedar	39	2.34	320	Western Red Cedar	93	5.58
277	Western Red Cedar	54	3.24	321	Western Red Cedar	45	2.70
278	Dogwood	23	1.38	322	Western Red Cedar	41	2.46
279	Western Red Cedar	46	2.76	323	Western Red Cedar	88	5.28
280	Western Red Cedar	80	4.80	324	Western Red Cedar	32	1.92
281	Western Red Cedar	27	1.62	325	Western Red Cedar	22	1.32
282	Western Red Cedar	65	3.90	326	Western Red Cedar	37	2.22
283	Western Red Cedar	73	4.38	327	Western Red Cedar	57	3.42
284	Western Red Cedar	24	1.44	328	Western Red Cedar	43	2.58
285	Western Red Cedar	51	3.06	329	Western Red Cedar	24	1.44
286	Western Red Cedar	35	2.10	330	Western Red Cedar	25	1.50
287	Western Red Cedar	36	2.16	331	Western Red Cedar	23	1.38
288	Western Red Cedar	56	3.36	332	Western Red Cedar	41	2.46
289	Western Red Cedar	43	2.58	333	Western Red Cedar	40	2.40
290	Western Red Cedar	18	1.08	334	Western Red Cedar	54	3.24
291	Western Red Cedar	28	1.68	335	Western Red Cedar	35	2.10
292	Western Red Cedar	36	2.16	336	Western Red Cedar	39	2.34
293	Western Red Cedar	24	1.44	337	Western Red Cedar	43	2.58
294	Western Red Cedar	17	1.02	338	Western Red Cedar	50	3.00
295	Western Red Cedar	45	2.70	339	Western Red Cedar	31	1.86
296	Western Red Cedar	49	2.94	340	Western Red Cedar	31	1.86
297	Western Red Cedar	54	3.24	341	Western Red Cedar	41	2.46
298	Western Red Cedar	44	2.64	342	Western Red Cedar	33	1.98
299	Western Red Cedar	60	3.60	343	Western Red Cedar	62	3.72
300	Western Red Cedar	82	4.92	344	Western Red Cedar	25	1.50
301	Western Red Cedar	64	3.84	345	Western Red Cedar	35	2.10
302	Western Red Cedar	116	6.96	346	Western Red Cedar	92	4.80
303	Western Red Cedar	80	4.80	347	Western Red Cedar	27	1.38
304	Western Red Cedar	65	3.90	348	Western Hemlock	80	3.00
305	Western Red Cedar	89	5.34	349	Oak	23	1.20
306	Western Red Cedar	75	4.50	os1	River Birch	50	2.40
307	Western Hemlock	71	4.26	ci1	Western Red Cedar	20	1.20
308	Western Red Cedar	64	3.84	ci2	Western Red Cedar	40	2.40

Tree Plan for Construction at
43730 Old Orchard Road
Chilliwack, BC



<div data-bbox="90 2505 620 2797"></div> <div data-bbox="90 2797 620 3017"><p>Replacement Tree Plan for 43730 Old Orchard Road Chilliwack, BC</p></div>	<p>Replacement trees</p> <p>12 Excelsa Cedars, 7 Bowhall Maples 2 Purple Fountain Beeches</p> <p>rt1 - Bowhall Maple rt2 - Bowhall Maple rt3 - Bowhall Maple rt4 - Bowhall Maple rt6 - Bowhall Maple rt7 - Bowhall Maple rt8 - Purple Fountain Beech rt9 - Purple Fountain Beech</p>	<p>Date: November 30, 2017</p> <p>Legend</p> <div data-bbox="1419 2641 1925 3017"><p>N</p><div data-bbox="1431 2797 1895 2890"> = replacement tree  = existing tree</div><div data-bbox="1512 2890 1814 3017"><p>1m 10m</p><p>1:350</p></div></div>
--	--	--

CITY OF CHILLIWACK
"Tree Management (Land Development) Bylaw 2008 No. 3585"
Schedule "A"
Tree Summary Security Form

Date: _____ File # _____
Project Name: _____
Project Location: 43730 Old Orchard Road
Owner Name: _____
Address: _____ Telephone: () _____
Fax: () _____
Email: _____

Summary of retained trees and newly planted trees on developable land

*To be completed by the Owner at the time of subdivision approval or building permit issuance.
Security is calculated based on the number of retained trees and newly planted
trees on the developable portion of the site.*

		# of Trees	Value	Total
1.	Retained trees		@ \$300.00	= \$
2.	Newly planted trees		@ \$300.00	= \$
3.	Security is based on 125% of total		X 25%	= \$
4.	Actual security provided upon development application approval			= \$
Must be 50/hectare minimum				

Owner Signature: _____ Developable Land = 0.42 Ha

Confirmation: A Certified Arborist or Landscape Architect has provided an attached report to confirm the number of trees retained or replaced under numbers 1 and 2 (applicable only to developments that will result in 3 or more residential units or lots). The signature below also certifies that the proposed planting and retention is in accordance with "Tree Management (Land Development) Bylaw 2008 No. 3585" and MMCD Standards.

Tree Management Plan Attached:

Updated Planting Plan ☒
Tree Retention Plan ☒
Hazard Tree Assessment ☒
Fire Risk Assessment ☐

Certified Arborist or Landscape Architect Signature: K M
Certified Arborist or Landscape Architect Name (Please Print) Krisanna Mazur
Company: Woodridge Tree Email: Krisanna@woodridgetree.com
ISA #: PN7530A Or BCSLA # n/a
Telephone: () 778-847-0669 Fax: () n/a

(AB# 4038)