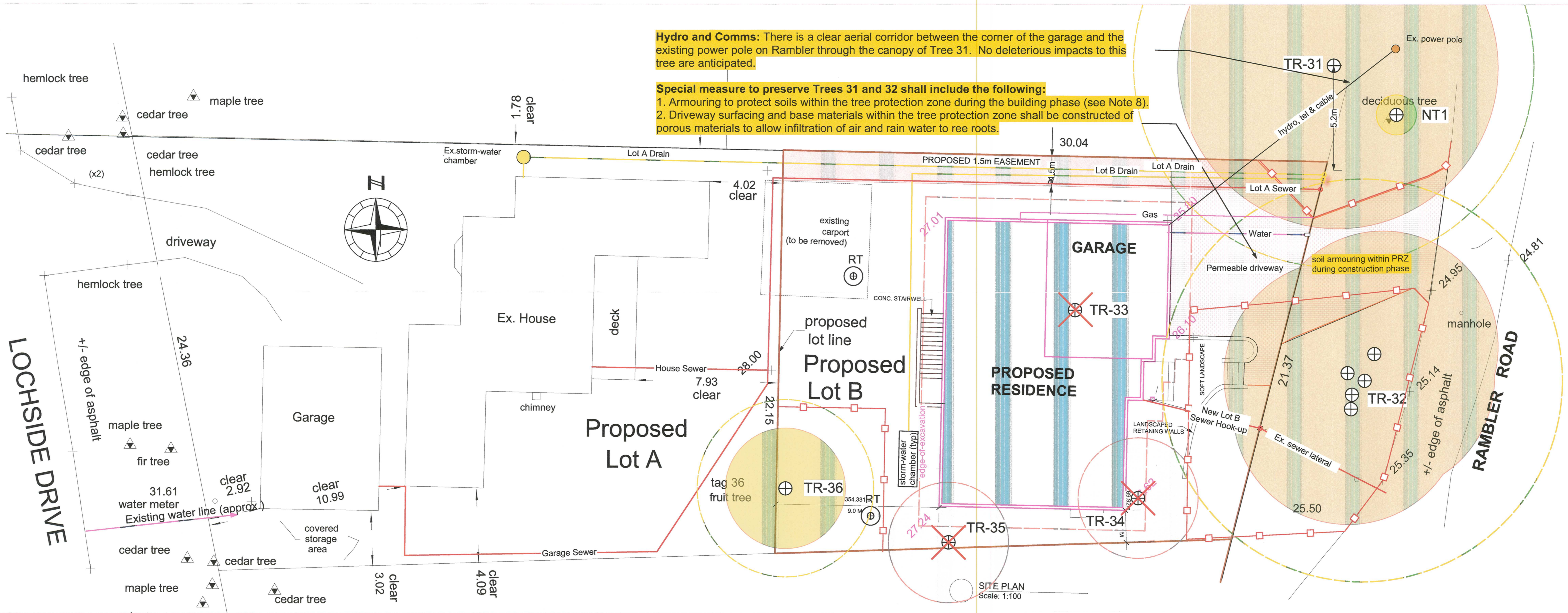
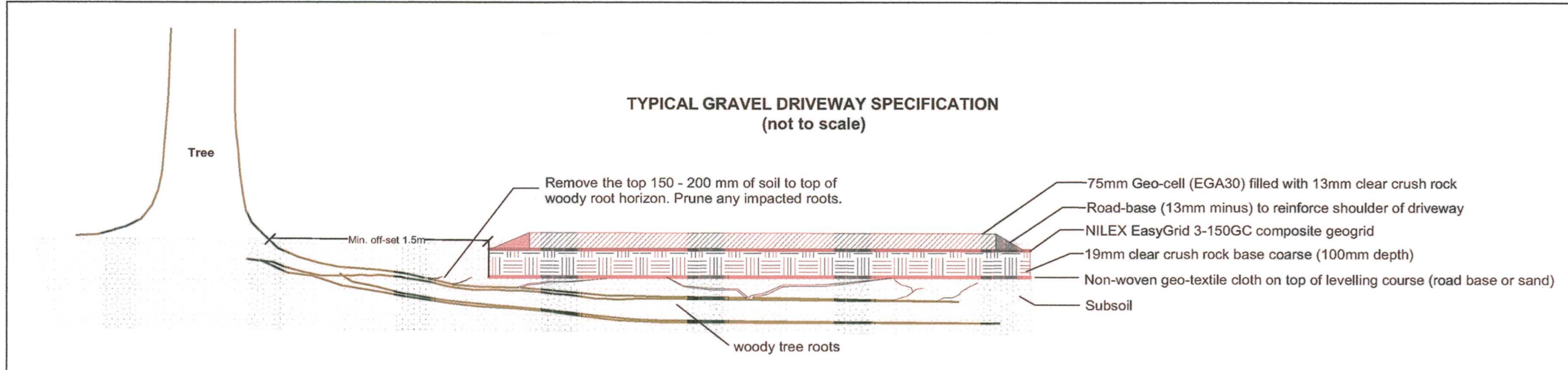


**Hydro and Comms:** There is a clear aerial corridor between the corner of the garage and the existing power pole on Rambler through the canopy of Tree 31. No deleterious impacts to this tree are anticipated.

**Special measure to preserve Trees 31 and 32 shall include the following:**  
 1. Armouring to protect soils within the tree protection zone during the building phase (see Note 8).  
 2. Driveway surfacing and base materials within the tree protection zone shall be constructed of porous materials to allow infiltration of air and rain water to tree roots.



- TREE PRESERVATION MEASURES**
- Before site preparation begins, erect tree protection fencing as indicated, and remain in good condition throughout the duration of the project. Fencing around Tree 32 will be adjusted to make room for landscape work during landscape phase.
  - The arborist shall meet with the demolition contractor prior to demolition to review site access, workplan, debris staging, tree protection etc..
  - The arborist shall be present to oversee excavation, service trenching, site grading or blasting within, or adjacent to, the tree protection areas (TPAs).
  - Any tree roots or branches damaged during site preparation will be pruned back to undamaged tissue by the arborist.
  - The vertical face of any excavation immediately adjacent to a TPA will be covered with geo-textile to prevent soil desiccation and erosion.
  - In areas where the root zone of the tree has been reduced by excavation, the remaining area will be top-dressed with 10cm of tree chip mulch and irrigated during the dry season weekly to a minimum effective depth of 30cm.
  - Temporary construction access within a TPA must be approved and supervised by the project arborist.
  - If it should prove necessary to reduce the fenced protection area to facilitate construction access, the portion of the TPA exposed outside of the fencing shall be armoured with a protective cover of either 3/4" plywood or 200mm of an aggregate product approved by the arborist.
  - No equipment, materials or excavated soil xwll be placed or stored within the TPA. THIS PARTICULARLY INCLUDES HOARDING OF EXCAVATED SOILS NEEDED FOR BACKFILLING OF THE HOUSE FOUNDATION..
  - Two replacement trees (suitable dogwood cultivar) will be planted on the property at landscape stage.

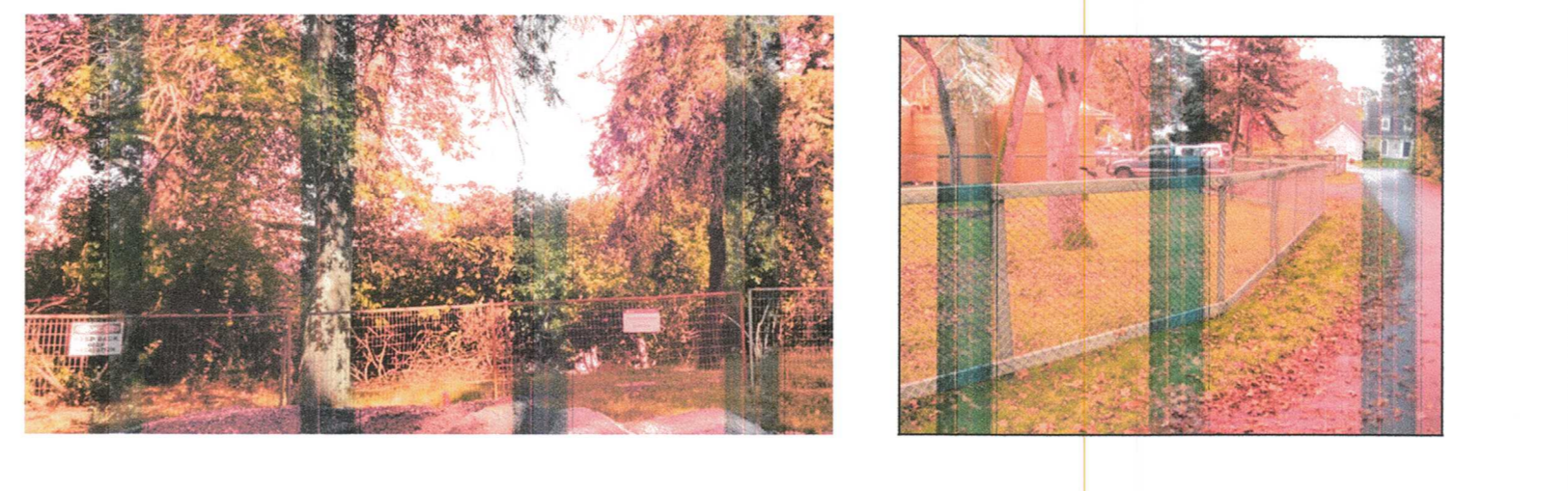


**Tree Protection Fencing Detail**

Modular steel panel fencing is recommended in order to reduce land-fill waste post-construction. Fencing panels shall be secured to the ground with rebar wired to panel frame.

16 x 24" all-weather signage will be attached with the following wording:  
 For protected trees: **DO NOT ENTER - Tree Protection Zone**  
 For replacement/landscape tree planting sites: **DO NOT ENTER - Future Tree Planting Zone**

In cases where steel-panel fencing is not practical or available, fencing shall be constructed with a wooden 2x4 frame (side, top and bottom rails) and back-bracing supports as required to ensure robust placement. Snow-fencing will then be affixed to the frame using battens, zip-ties, staples, wire or nails.



**EXPLANATORY NOTES**

- Location of u/g services are approximate and must be confirmed by the civil engineer and Saanich Engineering.
- As per the Standards for the Installation of Boulevard Street Trees, Schedule I, Section 1.02, "Boulevard trees will not be required under the following conditions:  
 (a) Where healthy boulevard street trees or healthy trees on adjacent private lands are growing at not less than the density or spacing requirements of this Schedule." The spacing for all RS zones provided by the subdivision bylaw requires "One (1) Large or Medium Growing Tree for each lot being created." As this RS6 lot has a five (5) stemmed mature cedar grove and a mature neighbouring cedar, no replacement boulevard trees are proposed.

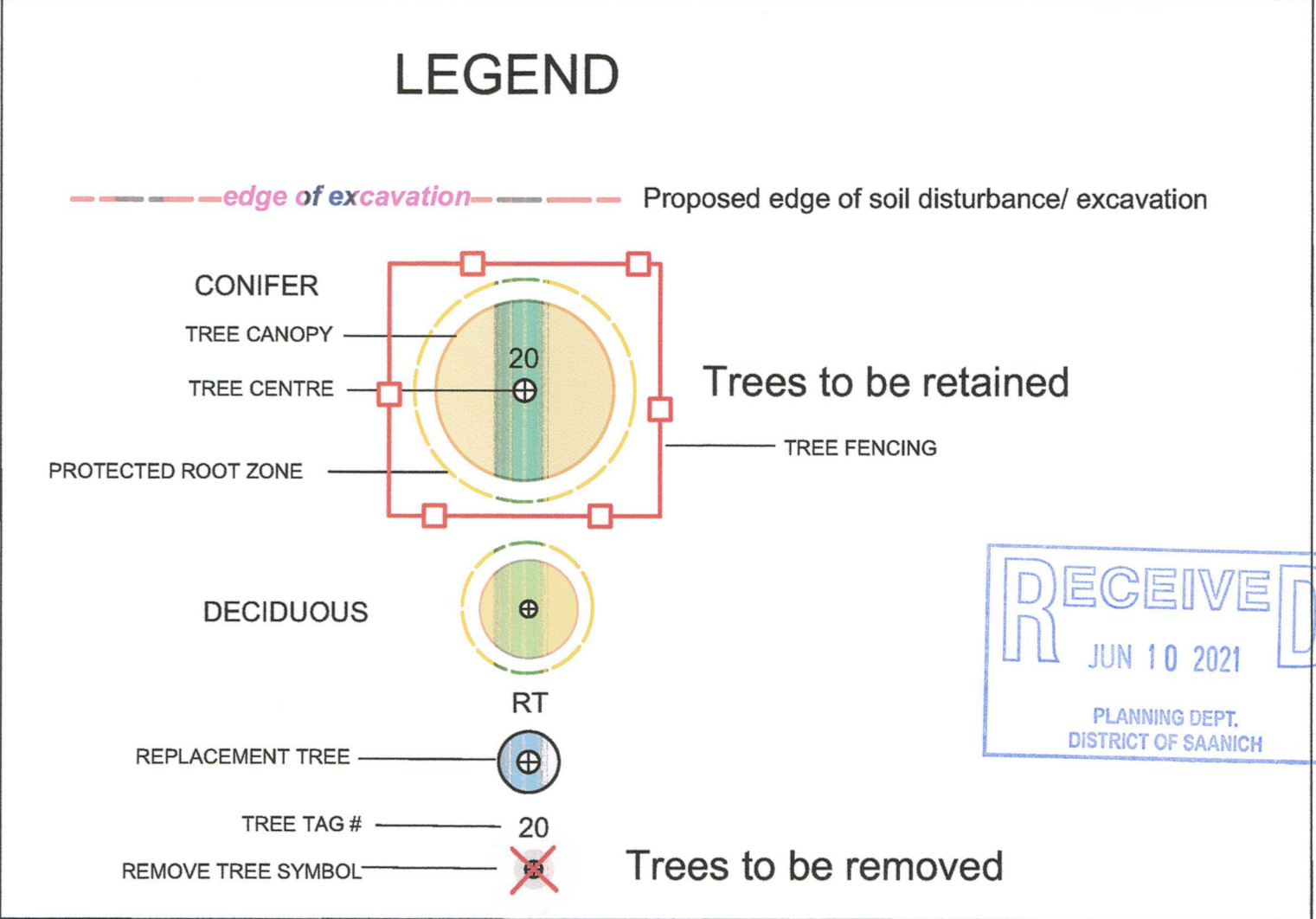
**TREE INVENTORY TABLES**

G&A Tree ID	Old Tree Tag	Common Name	DBH (cm)	PRZr (m)	Crown Radius (m)	Health	Structural Condition	Bylaw Tree?	Comments	Action
30	388	Red cedar X2	56;68	10	8	Good	Fair	Yes	Codominant leaders; included bark	Retain and protect
31	289	Red cedar X3	48;74;74	10	8	Good	Fair	Yes	Codominant leaders; included bark	Retain and protect
32	126	Red cedar X6	24 to 85	9	7	Good	Fair	Yes	Codominant leaders; included bark	Retain and protect
33	N/A	Pacific dogwood X6	60 to 80	8	6	Good	Fair	Yes	Codominant leaders; included bark	REMOVE
34	N/A	Flowering dogwood	14	3	3	Good	Fair	No	Codominant leaders; included bark	REMOVE
35	N/A	Apple	16	3	3	Fair	Fair	No	Old flush cuts; internal decay; sapsucker feeding holes	REMOVE
36	N/A	Cherry	38	5	3	Fair	Fair	No	Excessive pruning; flush cut	Retain and protect
37	N/A	Red cedar	40	7	4	Fair	Fair	Yes	Codominant leaders; included bark	Retain and protect
38	121	Red cedar X2	60;60	8	6	Good	Fair	Yes	Pruned repeatedly	Retain and protect
39	120	Bigleaf maple	54	10	7	Fair	Fair	Yes	Topped; dead branches	Retain and protect
40	119	Red cedar	68	8	7	Good	Fair	Yes	Topped; dead branches	Retain and protect
41	122	Red cedar	32	4	3	Good	Fair	Yes	Topped; dead branches	Retain and protect
42	N/A	Douglas fir	70	8	6	Good	Fair	Yes		Retain and protect
43	N/A	Bigleaf maple	58	8	7	Good	Fair	Yes		Retain and protect
44	N/A	Western hemlock	90	11	6	Fair	Fair	Yes		Retain and protect
45	375;376	Red cedar X2	16;12	3	2	Good	Fair	No		Retain and protect
46	374	Western hemlock	18	3	2	Good	Fair	No		Retain and protect
47	130;131	Red cedar X2	78;18	8	5	Good	Good	Yes		Retain and protect
48	129	Red cedar	82	10	6	Good	Good	Yes		Retain and protect
49	128	Western hemlock	64	8	6	Fair	Good	Yes		Retain and protect
50	377	Bigleaf maple	60	7	5	Good	Fair	Yes	Leaning east 10%	Retain and protect
N/A	N/A	Bigleaf maple (no tag)	90	11	7	Good	Good	Yes	Across paved Rambler Road; no tag	Retain and protect
N/A	246	Douglas fir (no tag)	120	14	8	Good	Fair	Yes	Across paved Rambler Road; no tag	Retain and protect
NT1	N/A	Magnolia (no tag)	10	1	1	Good	Fair	No	Neighbouring, 1.5m away from existing driveway; Codominant leaders; included bark	Retain and protect

Note: Green, round plastic tags were placed at the knee level on the trees facing south.

**SUMMARY TREE STATISTICS**

CATEGORY	# OF TREES
Total number of trees indicated on Tree Management Plan	24
(Boulevard Trees)	15
(Adjacent Off-site Trees)	4
(Boundary Trees)	1
(On-site Inventoried Unprotected Trees)	3
(On-site Bylaw-Protected Trees)	1
Requested Protected Tree Removals from site	1
Requested Tree Removals from municipal property	0
Requested Tree Removals from adjacent properties	0
Total Residual Number of On-site Protected Trees	0
Replacement Trees Required by Tree Bylaw	2



**GyeandAssociates.ca**

PROJECT: 5176 Rambler Rd, Saanich, BC

SHEET TITLE: Tree Management Plan for Subdivision and BPA

REV NO	DESCRIPTION	DATE
2	FOR S/D and BPA	June 2, 2021
1	FOR S/D and BPA	Sept 9, 2020

PROJECT NO.: 16-125  
 DATE: August 19, 2020  
 SCALE: 1:100  
 DRAWN BY: JG  
 SHEET NO.: T-1  
 PRINT 24 x 36" SHEET

RECEIVED JUN 10 2021 PLANNING DEPT. DISTRICT OF SAANICH