

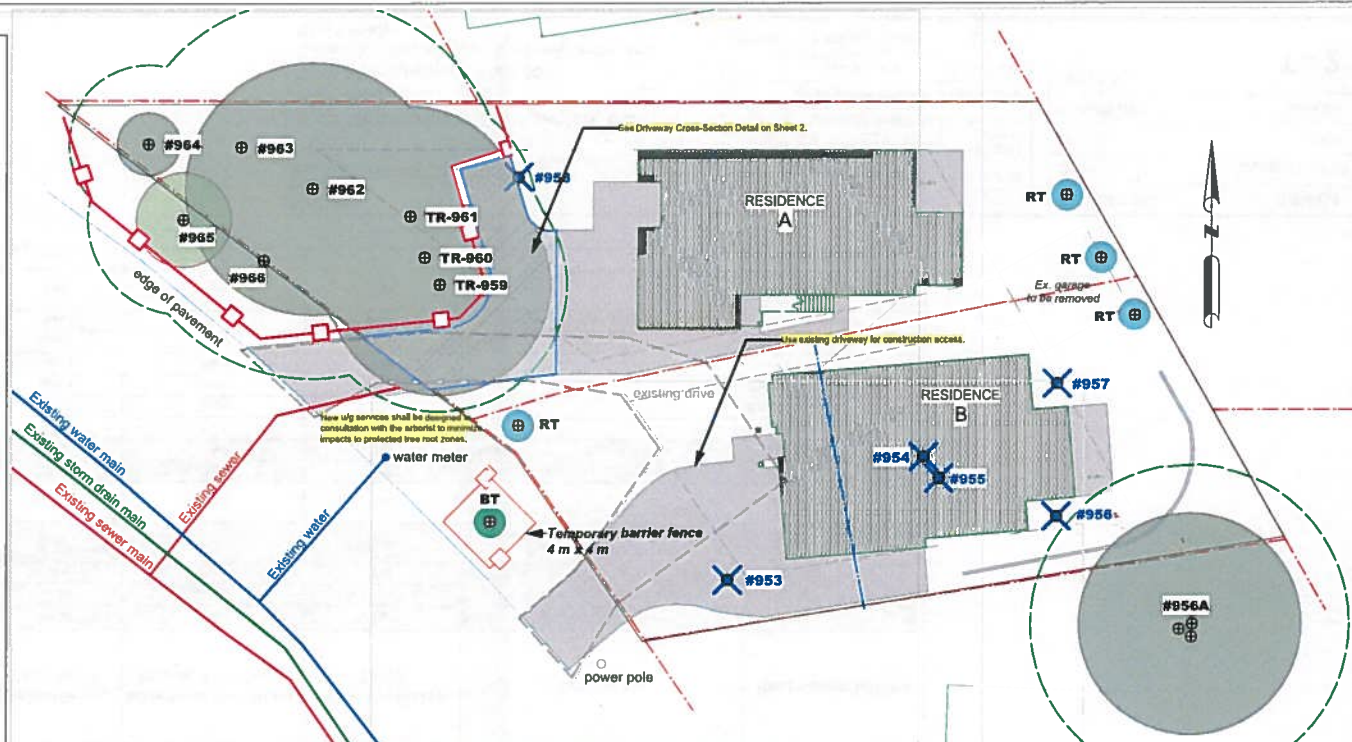
4829 Cordova Bay  
SUB 00846

### TREE PRESERVATION MEASURES

- Before site preparation begins, the owner and contractor shall meet with the arborist to review the Tree Protection Plan and associated measures.
- It is recommended that construction of tree protection fencing in areas requiring tree removal be delayed until after tree removal is complete. Once tree removal is complete, all tree fencing and soil armoring must be instated and certified by the arborist before further site preparation commences.
- If it is not possible to fence off the entire protected root zone, the unfenced portion must be protected ("armored") to prevent soil compaction. Suitable materials for armoring include 3/4" plywood for non-machine access. In areas subject to machine use (e.g. Bobcats, mini-excavators), use a temporary cover of 200mm of moderately compacted road-base with an underlayment of geo-textile.
- The arborist shall be present to oversee excavation, service trenching, site grading or blasting within, or adjacent to, the tree protection areas (TPAs).
- Blasting can damage roots and kill trees. If blasting is required, the general and blasting contractors shall meet with the arborist to develop a blasting/rock removal plan that minimizes potential damage to protected tree roots.
- Any tree roots or branches damaged during site preparation or construction shall be pruned back to undamaged tissue by the arborist.
- If temporary construction access within a TPA is required, the general contractor shall contact and meet with the project arborist beforehand to review the nature of the access and put in place measures to ensure there are no impacts to the tree habitat.
- No equipment, materials or excavated soil shall be placed or stored within the TPA. THIS PARTICULARLY INCLUDES HOARDING OF EXCAVATED SOILS NEEDED FOR BACKFILLING OF THE BUILDING FOUNDATION.
- The portion of the driveway to the northerly lot that is in the root zones of protected trees shall be built under arborist supervision using specification to bridge the driveway over root zones. Please see the cross section on P. 2.
- One (1) boulevard tree shall be planted by the District of Saanich as indicated on the TMP at landscape stage.
  - The site limits opportunity to plant replacement trees due to the presence of bedrock and thin soils.
  - The property owner elects to nominate Trees # 963 & 964 as replacement trees for two of the five Bylaw trees removed as per Section 47 of the Tree Bylaw.
  - Three Replacement trees (Scot pines), 3m in height, are proposed for planting along the east boundary of the site in order to provide privacy screening to the neighbour. A fourth tree has been added along the frontage of Residence 'B'.

### GENERAL NOTE

The Tree Management Plan shows one retaining wall at the southerly side of the house on Lot B 1m, from the property line. Construction of a wall in this location is supported. An exploratory excavation 0.5 m from the property line found only two roots of any significance from Douglas-fir #956A. They were 4 and 7 cm in diameter. The 7 cm root was approx. 6 m from the trunk of #956A. It is Gye & Associates opinion that both roots may be pruned off without long-term impact to the tree's health or stability.



SUMMARY TREE STATISTICS	
CATEGORY	# OF TREES
<b>Total number of trees indicated on Plan</b>	<b>15</b>
(On-site Bylaw-protected Trees)	9
(On-site Unprotected Trees)	4
(Off-site Trees)	1
(Saanich Boulevard Trees)	1
<b>Total number of tree removals proposed</b>	<b>6</b>
(Proposed On-site Protected Tree Removals)	5
(Proposed On-site Non-protected Tree Removals)	1
<b>Total number of Replacement trees required</b>	<b>5</b>
(Existing non-bylaw trees nominated in lieu of replacement trees)	2
(Proposed new trees to be planted)	3+1

**Tree removals (building permit)**

BROAD-LEAFED TREE

BOULEVARD TREE

REPLACEMENT TREE

**LEGEND**

TREE FENCING

TREE TAG #

TREE CENTRE

TREE CANOPY

ROOT ZONE

CONIFER

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PROJECT  
4829 Cordova Bay Rd, Saanich, BC

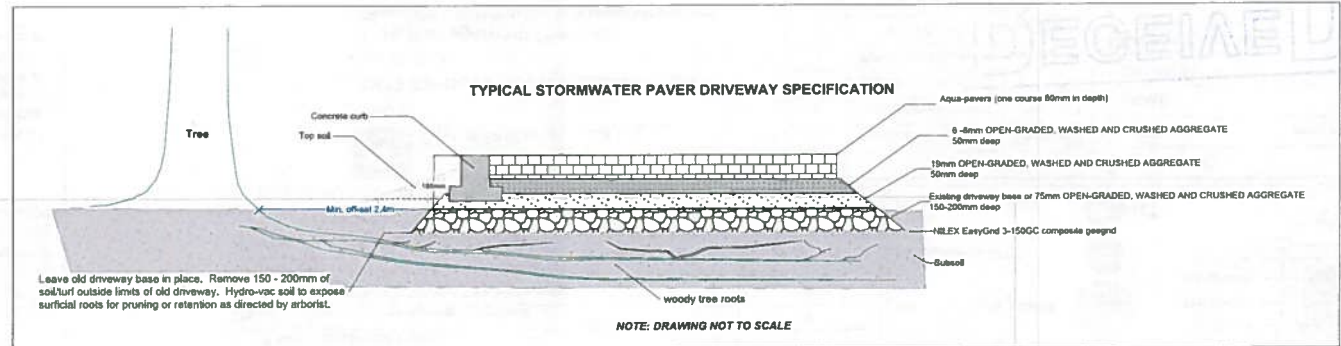
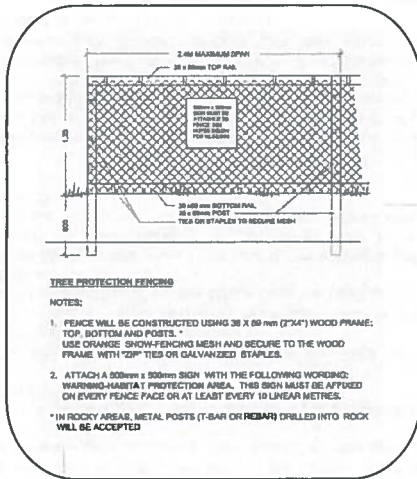
SHEET TITLE  
Tree Management Plan for:  
Demolition, Subdivision & Site-servicing and  
New Construction

5	SUBDIVISION REVISION	Dec 28, 2019	PROJECT NO.	18-064
4	SUBDIVISION REVISION	Dec 1, 2019	DATE	August 21, 2018
3	SUBDIVISION REVISION	July 4, 2019	SCALE	1:300
2	SUBDIVISION REVISION	May 29, 2018	DRAWN BY	DR+JG
1	FOR REVIEW	NOV 30, 2018	SHEET NO.	1
REV NO	DESCRIPTION	DATE		

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JAN 09 2020

PLANNING DEPT.  
DISTRICT OF SAANICH



G&A Tree ID	Common Name	DBH (cm)	Protected Root Zone Radius (m)	Crown Radius (m)	Health (Good, Fair, Poor)	Structural Condition (Good, Fair, Poor)	Bylaw Protected Tree?	Comments	Recommendations
953	Deodar cedar	40	5	3	Good	Good	No	Inside proposed d/w footprint	REMOVE
954	Douglas fir	108	13	7	Good	Good	Yes	Superficial roots on partial rock outcrop	REMOVE
955	Arbutus X2	34,24	4	3	Poor	Poor	Yes	Most of both trunks and crowns are dead	REMOVE
956	Garry oak X2	14,12	4	3	Good	Fair	Yes	Decay at base, third stem previously removed	REMOVE
956A	Douglas fir X3	70,70,70	10	7	Good	Good	Yes	No tag, tree located on the neighbour's property	Retain and protect
957	Douglas fir	80	10	6	Good	Fair	Yes	Adjacent to new house footprint	REMOVE
958	Red cedar	56	10	6	Poor	Fair	Yes	Dead top	REMOVE
959	Douglas fir	68	8	7	Good	Fair	Yes		Retain and protect
960	Douglas fir	70	8	7	Good	Good	Yes		Retain and protect
961	Douglas fir	70	8	7	Good	Good	Yes		Retain and protect
962	Douglas fir	98	12	8	Good	Fair	Yes		Retain and protect
963	Blue spruce	20	4	2	Good	Good	No	Candidate replacement tree	Retain and protect
964	Blue spruce	28	5	2	Good	Good	No	Candidate replacement tree	Retain and protect
965	Flowering cherry	32	6	3	Fair	Fair	No		Retain and protect
966	Deodar cedar	24	4	2	Good	Fair	No		Retain and protect

<p><b>GyeandAssociates.ca</b></p> <p>PROJECT 4829 Cordova Bay Rd, Saanich, BC</p> <p>SHEET TITLE Tree Management Plan for: Demolition, Subdivision &amp; Site-servicing and New Construction</p>	5	SUBDIVISION REVISION	Dec 26, 2019	PROJECT NO.	18-064
	4	SUBDIVISION REVISION	Dec 01, 2019	DATE	August 21, 2018
	3	SUBDIVISION REVISION	July 4, 2019	SCALE	1:300
	2	SUBDIVISION REVISION	May 28, 2019	DRAWN BY	BR+JG
	1	FOR REVIEW	NOV 30, 2018	SHEET NO.	T - 2
	REV NO	DESCRIPTION	DATE		

Handwritten notes: 2018 08 21, 11:30 AM, 4829 Cordova Bay Rd