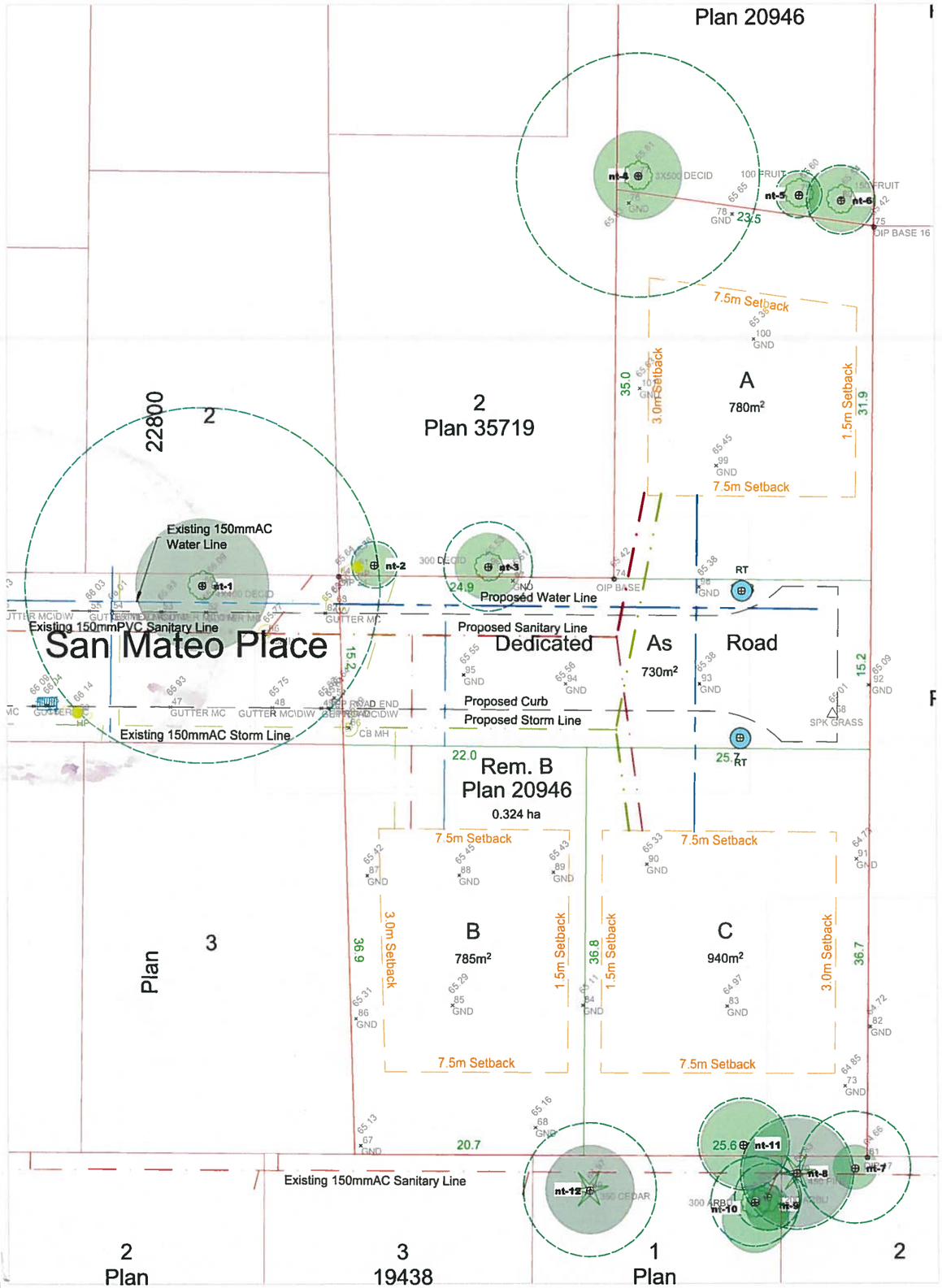


TREE TABLE

G&A Tree ID	Common Name	DBH (cm)	PRZr (m)	Crown Radius (m)	Health	Structural Condition	Bylaw Protected ?	Comments	Recommendations
nt-1	Cedrus deodar	137	16	6	Good	Fair	Yes	4 stems: 47, 42, 48 & 37 cm. Calculated diameter is 137 cm. Stems are attached co-dominantly at .5 m height	Retain and protect
nt-2	Japanese plum	20	2	2	Good	Fair	No	Multiple stems. Basal diameter is 20 cm	Retain and protect
nt-3	Willow	35	4	3	Good	Fair	No	Multiple stems. Basal diameter is 35 cm	Retain and protect
nt-4	Lombardi poplar	90	11	4	Good	Fair	Yes	Multiple stems. Basal diameter is 90 cm	Retain and protect
nt-5	Fruit - plum	20	2	2	Poor	Fair	No	Half the tree is near dead	Retain and protect
nt-6	Fruit - plum	25	3	3	Good	Good	No		Retain and protect
nt-7	Hazel nut	40	5	2	Good	Good	No	Multiple stems. Basal diameter is 40 cm	Retain and protect
nt-8	Pine	45	5	5	Good	Good	No		Retain and protect
nt-9	Arbutus	20	2	3	Fair	Fair	Yes	Canopy leans southerly	Retain and protect
nt-10	Arbutus	30	4	3	Fair	Fair	Yes	Canopy leans southerly	Retain and protect
nt-11	Hawthorne	35	4	4	Good	Fair	No		Retain and protect
nt-12	Western Red cedar	50	6	4	Good	Fair	Yes	Has 2 leaders at 4 m height	Retain and protect

SUMMARY TREE STATISTICS

CATEGORY	# OF TREES
Total number of trees inventoried	12
(Bylaw-protected Trees)	5
(Unprotected Trees)	7
(Number of on-site trees)	1
Total number of trees to be retained	12
Total number of trees to be removed	0

TREE PRESERVATION MEASURES

1. Before site servicing, landscaping or other site work commences, the owner, contractor and relevant design consultant shall meet with the arborist to review the Tree Protection Plan and associated measures.

2. Tree fencing shall be erected to the satisfaction of the project arborist and the District of Saanich before other site work commences and remain in good condition throughout the duration of the project.

3. Temporary construction access within a TPA must be approved and supervised by the project arborist. This includes landscaping. The Landscape Architect and Landscape Contractor shall meet with the project arborist to review the landscape work plan prior to any site preparation within the TPAs.

4. If it should prove necessary to reduce the tree fencing, the exposed TPA outside the fencing shall be armoured with 3/4" plywood or a temporary cover of geo-textile and 200mm of road-base, moderately compacted with a plate compactor.

5. All forms of disturbance to the protected trees or their habitat within the fenced protection areas (TPAs) is prohibited.

6. No equipment, materials, waste products or excavated soil shall be placed or stored within the TPA. THIS PARTICULARLY INCLUDES HOARDING OF EXCAVATED SOILS NEEDED FOR BACKFILLING OF THE HOUSE FOUNDATION.

7. The arborist shall be present to oversee stump removal, excavation, service trenching, site grading, blasting and landscaping within, or adjacent to, the tree protection areas (TPAs).

8. Any tree roots damaged shall be pruned back to undamaged tissue by the arborist.

9. The vertical face of the excavation adjacent to the TPAs shall be covered with geo-textile to prevent soil dessication and erosion.

10. The contractor and blasting sub-contractor shall meet with the arborist to review the blasting plan prior to drilling. Modified blasting practices or rock removal techniques shall be utilized where considered necessary by the arborist to minimize blasting impacts to protected trees.

11. Procedure for blasting near tree root zones.
 a) When blasting is required immediately adjacent to a Tree Protection Area, the blasting contractor shall work with the arborist to develop a blasting plan and deploy best practices that minimize impacts to protected trees.
 b) Blasting vibrations in the vicinity of the Tree Protection Areas are not to exceed a peak particle velocity of 25 mm/sec.
 c) Use DYNAMITE as the explosive product. No fertilizer-based explosive is permitted, due to its toxicity to tree roots.
 d) The contractor shall prevent rock debris from the blast site from entering the TPA.

12. In areas where the root zone of the tree has been reduced by excavation or rock removal, the remaining area shall be top-dressed with 10cm of tree chip mulch.

13. Retained trees shall be irrigated twice weekly during the dry summer period to a minimum effective depth of 30cm.

14. The Project Arborist shall monitor the site during the site preparation, construction and landscaping phases to ensure ongoing and effective compliance with the tree protection measures specified in this tree plan and in on-site meetings with the General Contractor and relevant sub-contractors.

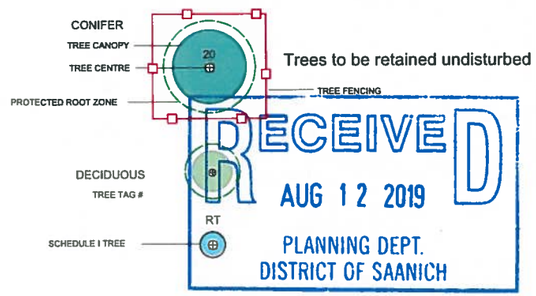
15. A full-size all-weather copy of the Tree Plan shall be posted in the site office in plain site.

16. A post-construction inspection and assessment of the site and protected trees shall be conducted by the Project Arborist in the company of the General Contractor. Any deficiencies will be identified. Once all deficiencies have been addressed to the satisfaction of the Project Arborist and the District of Saanich, a post-construction letter of completion will be prepared by the arborist and submitted to Saanich.

Tree Protection Fencing Detail

Robust Tree Protection Fencing shall be constructed with a 2x4 frame and supports. (See photo below.) Snow-fencing will then be affixed to the frame using zip-ties, staples wire or nails. All-weather signage will be attached, clearly designating the area within as a TREE PROTECTION AREA – NO TRESPASSING.

LEGEND



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PROJECT
San Mateo, Saanich, BC

SHEET TITLE
Tree Management Plan for Subdivision

REV NO	DESCRIPTION	DATE
0	FOR REVIEW	

PROJECT NO.	19-077
DATE	August 7, 2019
SCALE	1:200
DRAWN BY	BR
SHEET NO.	T - 1