

City of Surrey PLANNING & DEVELOPMENT REPORT File: 7917-0516-00

Planning Report Date: October 1, 2018

PROPOSAL:

• Development Variance Permit

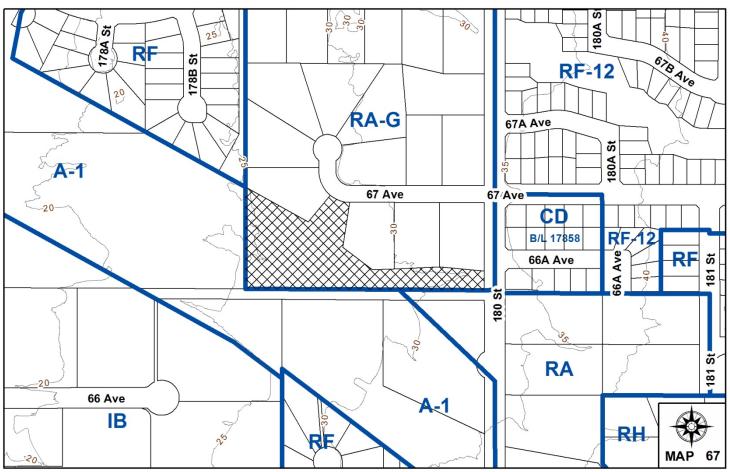
To reduce the streamside setback to permit the development of a telecommunication compound on a park lot.

LOCATION: 17926 - 67 Avenue

ZONING: RA-G

OCP Suburban

DESIGNATION:



RECOMMENDATION SUMMARY

• Approval for Development Variance Permit to proceed to Public Notification.

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

• Seeking a variance to reduce the minimum setback from top-of-bank for a Natural Class A Stream under Part 7A of the Zoning By-law from 15 metres (49 ft.) to 10 metres (33 ft.) to facilitate a telecommunication compound.

RATIONALE OF RECOMMENDATION

- The applicant has demonstrated that the requested setback relaxation does not impact the objectives outlined in the Official Community Plan (OCP) for protecting sensitive ecosystems.
- The provincial Riparian Areas Regulation (RAR) requirements identify a Streamside Protection and Enhancement Area (SPEA) of a minimum 10 metre (33 ft.) from the High Water Mark (HWM) of the watercourse. The proposed compound and associated fill are not in conflict with the SPEA area, as determined by the RAR assessment.
- The proposed 10-metre (33-ft.) wide Streamside Protection Area along the southern edge of the watercourse will be protected in perpetuity as it is owned by the City of Surrey and maintained by Parks. The applicant will be providing a cash-in-lieu contribution of \$92,800 to be put towards riparian enhancement in the park.
- The applicant has submitted an Ecosystem Development Variance Permit Impact Mitigation Plan, prepared by Keystone Environmental dated September 26, 2018, which includes a Detailed RAR Assessment Report dated January 16, 2018, which indicates that the implementation of these measures will ensure that the proposed streamside setback reduction will not negatively impact the existing riparian area.
- Fill for the proposed telecommunication compound has already been added to the site and the compound needs to be within 6 metres (20 ft.) of the telecommunication antennae, which is to be installed on a BC Hydro tower that is already within the 15 metre (49 ft.) streamside setback area of the watercourse.

RECOMMENDATION

The Planning & Development Department recommends that:

- 1. Council approve Development Variance Permit No. 7917-0516-00 (Appendix IV) to reduce the minimum setback distance from the top-of-bank of a Natural Class A Stream in Part 7A of Zoning By-law No. 12000 from 15 metres (49 ft.) to 10 metres (33 ft.), for a proposed telecommunication compound, to proceed to Public Notification.
- 2. Council instruct staff to resolve the following issues prior to approval:
 - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
 - (b) Submission of a cash-in-lieu contribution to satisfaction of the General Manager Parks Recreation and Culture for riparian area enhancements within the park; and
 - (c) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect.

REFERRALS

Engineering: The Engineering Department has no objection to the project.

Parks, Recreation &

Culture:

No concerns. The applicant will provide cash-in-lieu of a P-15

agreement.

SITE CHARACTERISTICS

<u>Existing Land Use:</u> Parkland encumbered by BC Hydro right-of-way.

Adjacent Area:

Direction	Existing Use	OCP Designation	Existing Zone
North:	Single family	Suburban	RA-G
	dwellings.		
East:	Parkland.	Suburban	A-1
South:	Industrial building	Mixed	IB and RF
	and single family	Employment and	
	dwellings.	Urban	
West:	Unauthorized	Suburban	A-1
	truck park.		

DEVELOPMENT CONSIDERATIONS

- The subject site is located within a linear park located at 17926 67 Avenue.
- In 2012, Rogers Communications began exploring the subject site and in 2014 signed a lease with the City. In 2017, Rogers Communications began preloading the subject site before it was determined that all of the proper permits were not obtained. Rogers has since halted construction as they await permits which require Council support of a variance to the watercourse setbacks to facilitate the proposed location.
- The applicant Cypress Land Services, on behalf of Rogers Communications is proposing to install telecommunication equipment on top of a BC Hydro transmission tower with a proposed equipment compound and associated preloaded platform located within the 15 metre (49 ft.) setback of St. Gelais Brook which is a Class A watercourse.
- The applicant is proposing an approximate 2.5 metre (8 ft.) by 1.8 metre (6 ft.) equipment shed which is within a 5.5 metre (18 ft.) by 5 metre (16 ft.) compound enclosed by a 2.5 metre (8 ft.) tall black metal picket fence.
- The applicant is proposing three power poles to provide power to the site which will be provided via a conduit from 67 Avenue. All three power poles will be outside of the proposed 10 metre (33 ft.) watercourse setback.
- The applicant is proposing to improve the greenway by paving an approximate 200-metre (650 ft.) long access road/pathway to the south of the proposed compound which will connect to the existing pathway to 66 Avenue (see Appendix II).

Sensitive Ecosystem Development Variance Permit Impact Assessment Report

- To ensure that the proposed on-site development conforms to Provincial Riparian Areas Regulation (RAR) setbacks, the applicant has provided a detailed Sensitive Ecosystem Development Variance Permit Impact Assessment Report which includes a Detailed RAR Assessment Report, prepared by Libor Michalak, R.P.Bio., of Keystone Environmental Ltd. The reports, dated September 26, 2018 and January 16, 2018 respectively confirm that the proposed development occurs outside of the provincially regulated Streamside Protection and Enhancement Area (SPEA) associated with the watercourse. The RAR Assessment has been reviewed by the Province and found to be acceptable.
- A "Class A watercourse" runs east-west through the site. The minimum 15 metre (49 ft.) streamside protection setback, as measured from top-of-bank, extends within the proposed equipment compound and associated preload fill.
- The reports recommend a 10-metre (33 ft.) Streamside Protection and Enhancement Area (SPEA) setback from the top of bank, which the applicant is complying with.
- The entirety of the 10-metre (33 ft.) wide SPEA, as measured from the high water mark of the adjacent watercourse, will not require protection through restrictive covenant as the lot is owned by Parks.

• Rather than enter into a P-15 agreement with Parks, the applicant will provide a cash-in-lieu payment to Parks in the amount of \$92,800 to compensate for the watercourse encroachment and facilitate riparian area enhancement within the park.

• Staff have reviewed the recommendations of the QEP reports and accept the proposed recommendation.

TREES

 Jeff Ross, ISA Certified Arborist of Mike Fadum and Associates prepared an Arborist Assessment for the subject property. The table below provides a summary of the tree retention and removal by tree species:

Table 1: Summary of Tree Preservation by Tree Species:

able 1: Summary of Tree Frese			<u> </u>	D. C
Tree Species	Exis	ting	Remove	Retain
Alder and Cottonwood Trees				
Alder	3	3	0	3
Deciduous Trees (excluding Alder and Cottonwood Trees)				
Oak]	l	0	1
Willow	3	3	0	3
Chestnut	2	2	0	2
Maple	3	3	0	3
Cherry	2	2	0	2
	Conifero	us Tree	s	
Western Red Cedar	2	2	0	2
Juniper	1	=	0	1
Deodar Cedar	2	2	0	2
Total (excluding Alder and Cottonwood Trees)	1(6	o	16
Total Retained and Replacement Trees			16	

- The Arborist Assessment states that there are a total of 16 protected trees on the site, excluding Alder and Cottonwood trees. Three existing trees, approximately 19% of the total trees on the site, are Alder and Cottonwood trees. It was determined that all trees can be retained as part of this development proposal. The proposed tree retention was assessed taking into consideration of the installation of a conduit.
- In summary, a total of 19 trees are proposed to be retained on the site with no trees being removed.

BY-LAW VARIANCE AND JUSTIFICATION

(a) Requested Variance:

• To vary Part 7A Streamside Protection of the Zoning By-law to reduce the minimum required streamside setback area, measured from the top-of-bank, from 15 metres (49 ft.) to a minimum of 10 metres (33 ft.) for a proposed telecommunication compound.

Justification for Proposed Variance:

- The provincial Riparian Areas Regulation (RAR) requirements, identify a Streamside Protection and Enhancement Area (SPEA) of a minimum 10-metre (33 ft.) from the High Water Mark (HWM) of the watercourse. The proposed compound and related fill is not in conflict with the SPEA area, as determined by the RAR assessment.
- A detailed Sensitive Ecosystem Development Variance Permit Impact Assessment Report which includes a Detailed RAR Assessment Report, prepared by Libor Michalak, R.P.Bio., of Keystone Environmental Ltd., recommends a Streamside Protection and Enhancement Area (SPEA) based on an RAR setback of 10 metres (33 ft.) from high water mark for St. Gelais Brook. The report has been audited by the Ministry of Forests, Lands and Natural Resource Operations (MFLNRO) and found to be acceptable. The reports indicate that the implementation of these measures will ensure that the proposed streamside setback reduction will not negatively impact the existing riparian area.
- Unlike developments on privately owned land, as the subject site is owned by the City of Surrey and encumbered by a BC Hydro right-of-way, the proposed 10-metre (33 ft.) wide Streamside Protection Area will not require protection through fencing or legal covenants.
- The applicant will be required to compensate Parks for enhancement of an approximate 1,000-square metre (10,763 sq. ft.) area as per the Sensitive Ecosystem Development Variance Permit Impact Assessment Report. The \$92,800 will be put towards riparian area enhancements within the park.
- The proposed compound will serve a telecommunications antennae to be installed on an existing BC Hydro tower that is already within the streamside setback area of the watercourse. The compound is required to be sited within 6 metres (20 ft.) of the transmission tower.
- Staff support the requested variance.

INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

Appendix I. Lot Owners and Action Summary (Confidential)

Appendix II. Survey Plan, Site Plan and Elevations

Appendix III. Summary of Tree Survey and Tree Preservation Appendix IV. Development Variance Permit No. 7917-0516-00

INFORMATION AVAILABLE ON FILE

- Sensitive Ecosystem Development Variance Permit Impact Assessment Report, prepared by Keystone Environmental, dated September 26, 2018.
- Detailed RAR Assessment Report, prepared by Keystone Environmental, dated January 16, 2018.

original signed by Ron Gill

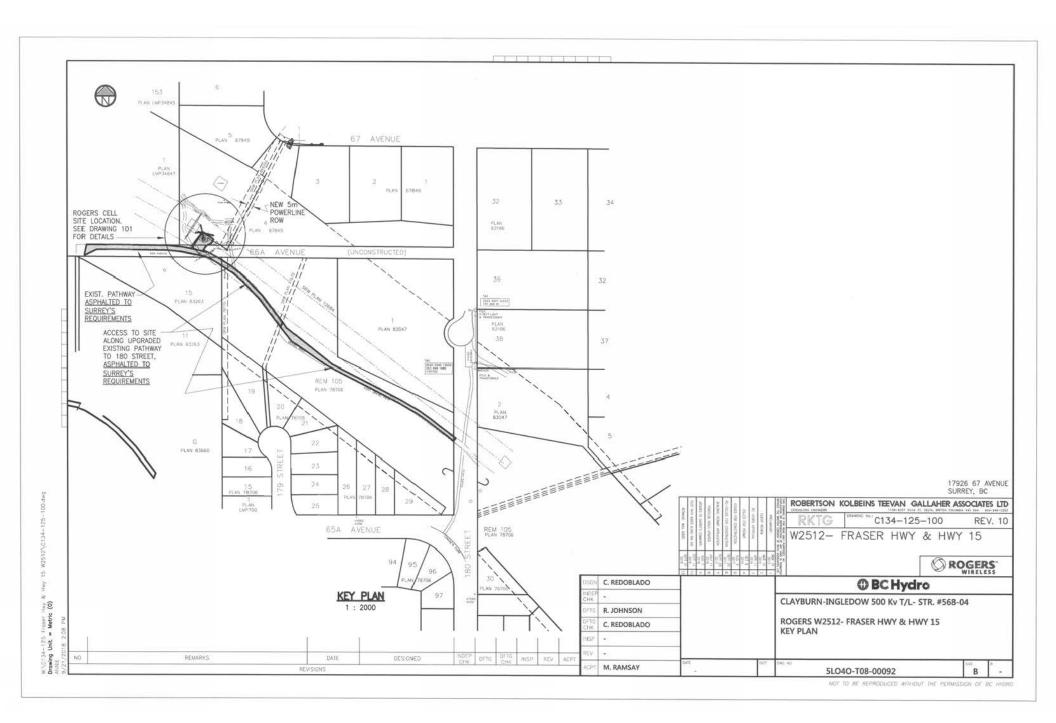
Jean Lamontagne General Manager Planning and Development

JKS/cm

APPENDIX I HAS BEEN

REMOVED AS IT CONTAINS

CONFIDENTIAL INFORMATION



MIKE FADUM AND ASSOCIATES LTD. VEGETATION CONSULTANTS

Tree Preservation Summary

Surrey Project No: 17-0516-00

Address: 17926 - 67 Avenue, Surrey, BC

Registered Arborist: Jeff Ross

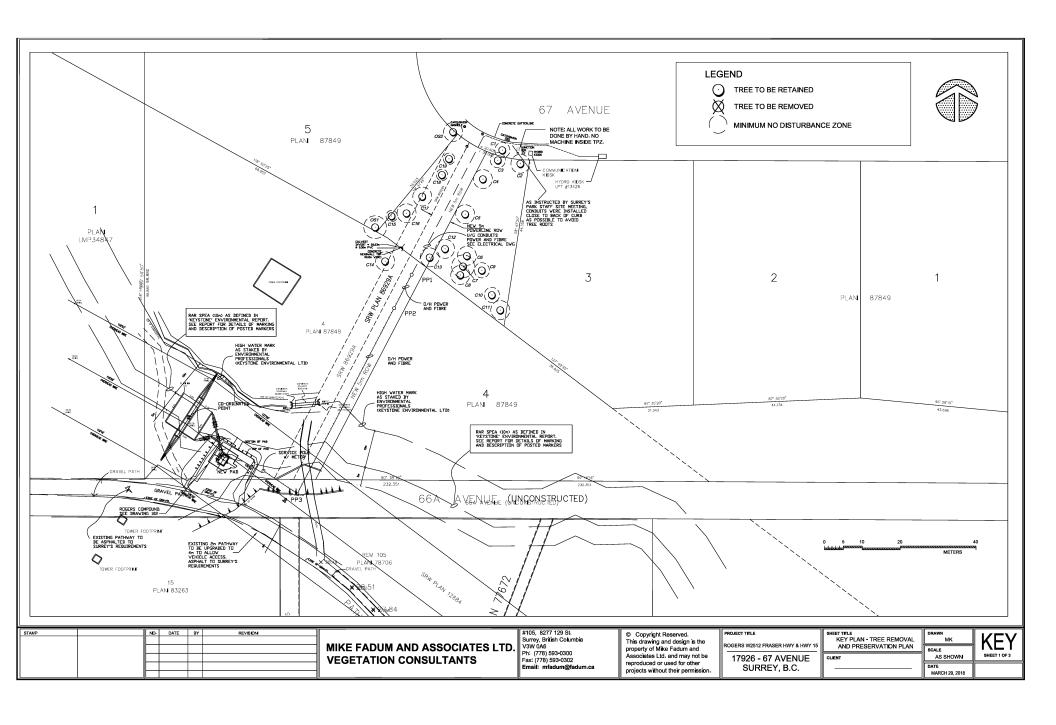
On-Site Trees	Number of Trees
Protected Trees Identified (on-site and shared trees, including trees within boulevards and proposed streets and lanes, but excluding trees in proposed open space or riparian areas) Protected Trees to be Removed Protected Trees to be Retained	19 0 19
 (excluding trees within proposed open space or riparian areas) Total Replacement Trees Required: Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 0 X one (1) = 0 All other Trees Requiring 2 to 1 Replacement Ratio 0 X two (2) = 0 	0
Replacement Trees Proposed	TBD
Replacement Trees in Deficit	0
Protected Trees to be Retained in Proposed [Open Space / Riparian Areas]	NA

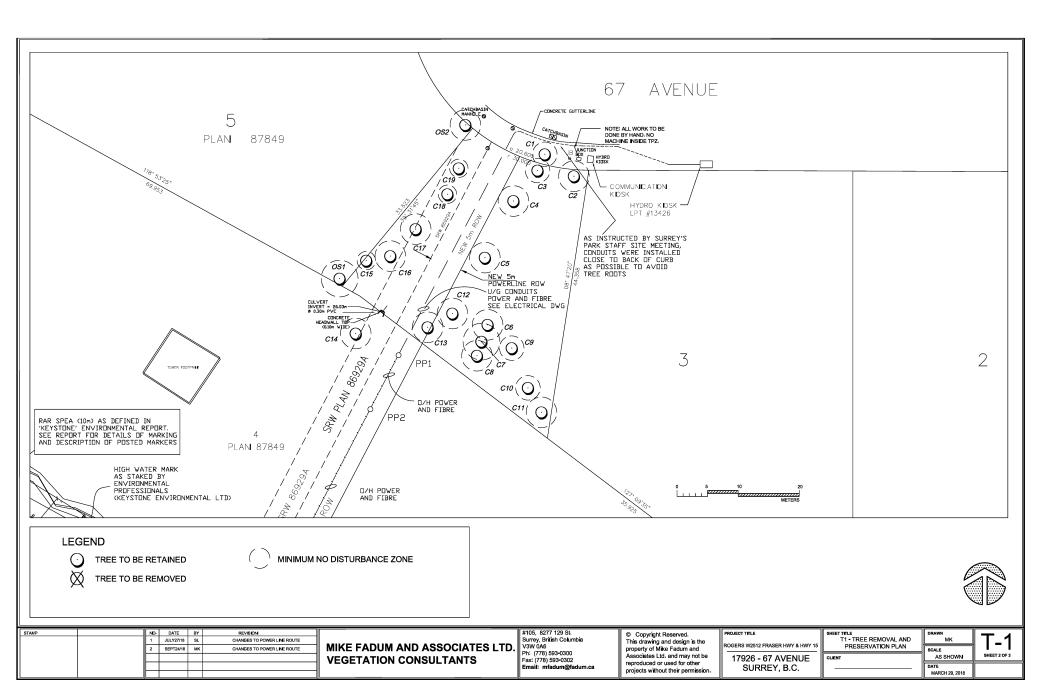
Off-Site Trees	Number of Trees
Protected Off-Site Trees to be Removed	0
Total Replacement Trees Required:	
- Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 0 X one (1) = 0	0
- All other Trees Requiring 2 to 1 Replacement Ratio	
0 X two (2) = 0	
Replacement Trees Proposed	NA
Replacement Trees in Deficit	NA

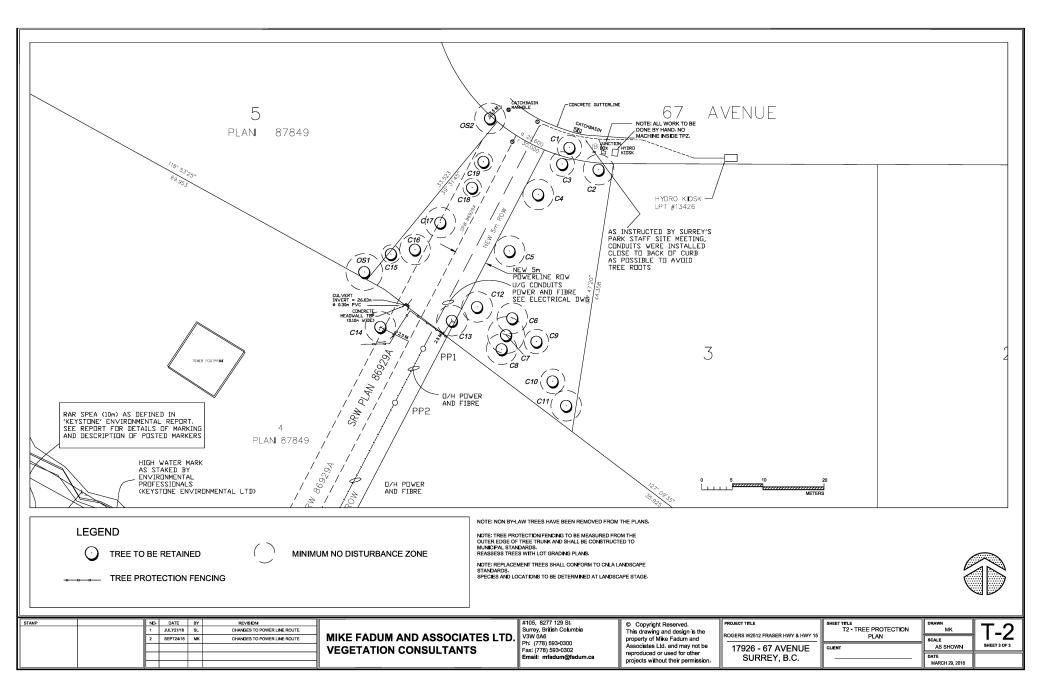
Summary report and plan prepared and submitted by: Mike Fadum and Associates Ltd.	
Jeteron	Date: September 24, 2018
Signature of Arborist:	











CITY OF SURREY

(the "City")

DEVELOPMENT VARIANCE PERMIT

NO.: 7917-0516-00

Issued To: City of Surrey

(the "Owner")

Address of Owner: 13450 - 104 Avenue

Surrey, BC V₃T ₁V8

- 1. This development variance permit is issued subject to compliance by the Owner with all statutes, by-laws, orders, regulations or agreements, except as specifically varied by this development variance permit.
- 2. This development variance permit applies to that real property including land with or without improvements located within the City of Surrey, with the legal description and civic address as follows:

Parcel Identifier: 017-061-776 Lot 4 Section 17 Township 8 Plan NWP87849 New Westminster District Part South West Quarter Dedicated Parkland

17926 - 67 Avenue

(the "Land")

- 3. Surrey Zoning By-law, 1993, No. 12000, as amended is varied as follows:
 - (a) In Section B.2 of Part 7A "Streamside Protection" the minimum streamside setback for a "Class A Stream", as measured from top-of-bank, is reduced from 15 metres (49 ft.) to 10 metres (33 ft.) for the western watercourse.
- 4. The siting of buildings and structures shall be in accordance with the drawings labeled Schedule A (the "Drawing") which is attached hereto and form part of this development variance permit.
- 5. This development variance permit applies to only that portion of the buildings and structures on the Land shown on Schedule A which is attached hereto and forms part of this development variance permit. This development variance permit does not apply to additions to, or replacement of, any of the existing buildings shown on attached Schedule A, which is attached hereto and forms part of this development variance permit.

6.	The Land shall be developed strictly in accordance with the terms and conditions and provisions of this development variance permit.
7.	This development variance permit shall lapse if the Owner does not substantially start any construction with respect to which this development variance permit is issued, within two (2) years after the date this development variance permit is issued.
8.	The terms of this development variance permit or any amendment to it, are binding on all persons who acquire an interest in the Land.
9.	This development variance permit is not a building permit.
	ORIZING RESOLUTION PASSED BY THE COUNCIL, THE DAY OF , 20 . D THIS DAY OF , 20 .
	Mayor – Linda Hepner
	City Clerk – Jane Sullivan

