
CITY OF KELOWNA MEMORANDUM

Date: July 7, 2021
File No.: Z21-0067
To: Planning and Development Officer (TC)
From: Development Engineering Manager (RO)
Subject: 639 Sherwood Rd.

SCHEDULE	A
This forms part of application # Z21-0067	
Planner Initials	TC
 City of Kelowna DEVELOPMENT PLANNING	

RU1 to RU6

The Development Engineering Branch has the following comments and requirements associated with this rezoning application to rezone the subject property from RU1 – Large Lot Housing to RU6 – Two Dwelling Housing to facilitate a two-lot subdivision. The Development Engineering Technician for this project is Aaron Sangster.

1. General

- a) This proposed development may require the installation of centralized mail delivery equipment. Please contact Arif Bhatia, Delivery Planning Officer, Canada Post Corporation, 530 Gaston Avenue, Kelowna, BC, V1Y 2K0, (250) 859-0198, arif.bhatia@canadapost.ca to obtain further information and to determine suitable location(s) within the development.
- b) The following requirements are valid for two (2) years from the reference date of this memo, or until the application has been closed, whichever occurs first. The City of Kelowna reserves the rights to update/change some or all items in this memo once these time limits have been reached.

2. Domestic Water and Fire Protection

This property is currently serviced with 19mm-diameter water service. The developer's consulting mechanical engineer will determine the domestic, fire protection requirements of this proposed development and establish hydrant requirements and service needs. The applicant, at their cost, will arrange for the removal and disconnection of the existing services and installation of one new larger service, if necessary.

3. Sanitary Sewer

- a) This property is currently serviced with one 100 mm sanitary service. The developer's consulting mechanical engineer will determine the development requirements of this proposed development and establish the service needs. The applicant, at their cost, will arrange for the removal and disconnection of the existing services and installation of one new larger service, if necessary.

4. Storm Drainage

- a) The developer must engage a consulting civil engineer to provide a stormwater management plan for the site, which meets the requirements of the Subdivision, Development, and Servicing Bylaw No. 7900. The storm water management plan

must also include provision of lot grading plans, minimum basement elevations (MBE), if applicable, and recommendations for onsite drainage containment and disposal systems.

5. Electric Power and Telecommunication Services

- a) All proposed distribution and service connections are to be installed underground. It is the developer's responsibility to make a servicing application with the respective electric power, telephone and cable transmission companies to arrange for these services, which would be at the applicant's cost.

6. Road Improvements / Site Access

- a) Sherwood Rd. must be upgraded to an urban standard along the full frontage of this proposed development, including roll-over curb and gutter, sidewalk, irrigated landscaped boulevard, streetlights, drainage system including catch basins, watermain upgrade, manholes and pavement removal and replacement and re-location or adjustment of utility appurtenances if required to accommodate the upgrading construction. The road cross section to be used is a SS-R7.
- b) Rattenbury Ct. must be upgraded to an urban standard along the full frontage of this proposed development, including roll-over curb and gutter, sidewalk, irrigated landscaped boulevard, streetlights, drainage system including catch basins, watermain upgrade, manholes and pavement removal and replacement and re-location or adjustment of utility appurtenances if required to accommodate the upgrading construction. The road cross section to be used is a SS-R7.

7. Development Permit and Site Related Issues

- a) Provide all necessary Statutory Rights-of-Way for any utility corridors as required.
- b) If any road dedication affects lands encumbered by a Utility right-of-way (such as Fortis, etc.) please obtain the approval of the utility prior to application for final subdivision approval. Any works required by the utility as a consequence of the road dedication must be incorporated in the construction drawings submitted to the City's Development Manager.

8. Geotechnical Report

- a) Although a geotechnical report will not be required at time of rezoning, a report must be provided at the time of Building Permit.
- b) Provide a comprehensive geotechnical report (3 copies), prepared by a Professional Engineer competent in the field of hydro-geotechnical engineering to address the items below: **NOTE: The City is relying on the Geotechnical Engineer's report to prevent any damage to property and/or injury to persons from occurring as a result of problems with soil slippage or soil instability related to this proposed subdivision.**

The Geotechnical reports must be submitted to the Planning and Development Services Department (Planning & Development Officer) for distribution to the Works & Utilities Department and Inspection Services Division prior to submission of Engineering drawings or application for subdivision approval.

- (i) Area ground water characteristics, including any springs and overland surface drainage courses traversing the property. Identify any monitoring required.
- (ii) Site suitability for development.



- (iii) Site soil characteristics (i.e. fill areas, sulphate content, unsuitable soils such as organic material, etc.).
- (iv) Any special requirements for construction of roads, utilities and building structures.
- (v) Site suitability for development.
- (vi) Suitability of on-site disposal of storm water and sanitary waste, including effects upon adjoining lands.
- ii) Site soil characteristics (i.e. fill areas, sulphate content, unsuitable soils such as organic material, etc.).
- iii) Recommendations for items that should be included in a Restrictive Covenant.
- iv) Any special requirements for construction of roads, utilities, and building structures.
- v) Any items required in other sections of this document.
- vi) Recommendations for erosion and sedimentation controls for water and wind.
- vii) Recommendations for roof drains and perimeter drains.

9. Road Dedication

- a) If any road dedication or closure affects lands encumbered by a Utility right-of-way (such as Hydro, Telus, Gas, etc.) please obtain the approval of the utility. Any works required by the utility as a consequence of the road dedication or closure must be incorporated in the construction drawings submitted to the City's Development Manager.

10. Design and Construction

- c) Design, construction supervision and inspection of all off-site civil works and site servicing must be performed by a Consulting Civil Engineer and all such work is subject to the approval of the City Engineer. Drawings must conform to City standards and requirements.
- d) Engineering drawing submissions are to be in accordance with the City's "Engineering Drawing Submission Requirements" Policy. Please note the number of sets and drawings required for submissions.
- e) Quality Control and Assurance Plans must be provided in accordance with the Subdivision, Development & Servicing Bylaw No. 7900 (refer to Part 5 and Schedule 3).
- f) A "Consulting Engineering Confirmation Letter" (City document 'C') must be completed prior to submission of any designs.
- g) Before any construction related to the requirements of this subdivision application commences, design drawings prepared by a professional engineer must be submitted to the City's Development Engineering Department. The design drawings must first be "Issued for Construction" by the City Engineer. On examination of design drawings, it may be determined that rights-of-way are required for current or future needs.

11. Servicing Agreements for Works and Services

- a) A Servicing Agreement is required for all offsite works and services on City lands in accordance with the Subdivision, Development & Servicing Bylaw No. 7900. The applicant's Engineer, prior to preparation of Servicing Agreements, must provide adequate drawings and estimates for the required works. The Servicing Agreement must be in the form as described in Schedule 2 of the bylaw.
- b) Part 3, "Security for Works and Services", of the Bylaw, describes the Bonding and Insurance requirements of the Owner. The liability limit is not to be less than \$5,000,000 and the City is to be named on the insurance policy as an additional insured.

12. Charges and Fees

- a) Development Cost Charges (DCC's) are payable.
- b) Fees per the "Development Application Fees Bylaw" include:
 - i) Survey Monument, Replacement Fee: \$1,200.00 (GST exempt) – only if disturbed.
 - ii) Engineering and Inspection Fee: 3.5% of construction value (plus GST).
 - iii) Hydrant levy charge of **\$250.00** (\$250.00 per new lot.)
 - iv) Survey Monument Fee: **\$50.00** (\$50 per newly created lot – GST exempt).

Ryan O'Sullivan

Ryan O'Sullivan
Development Engineering Manager

AS

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This forms part of application # Z21-0067	
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 City of Kelowna DEVELOPMENT PLANNING	

ATTACHMENT A

This forms part of application

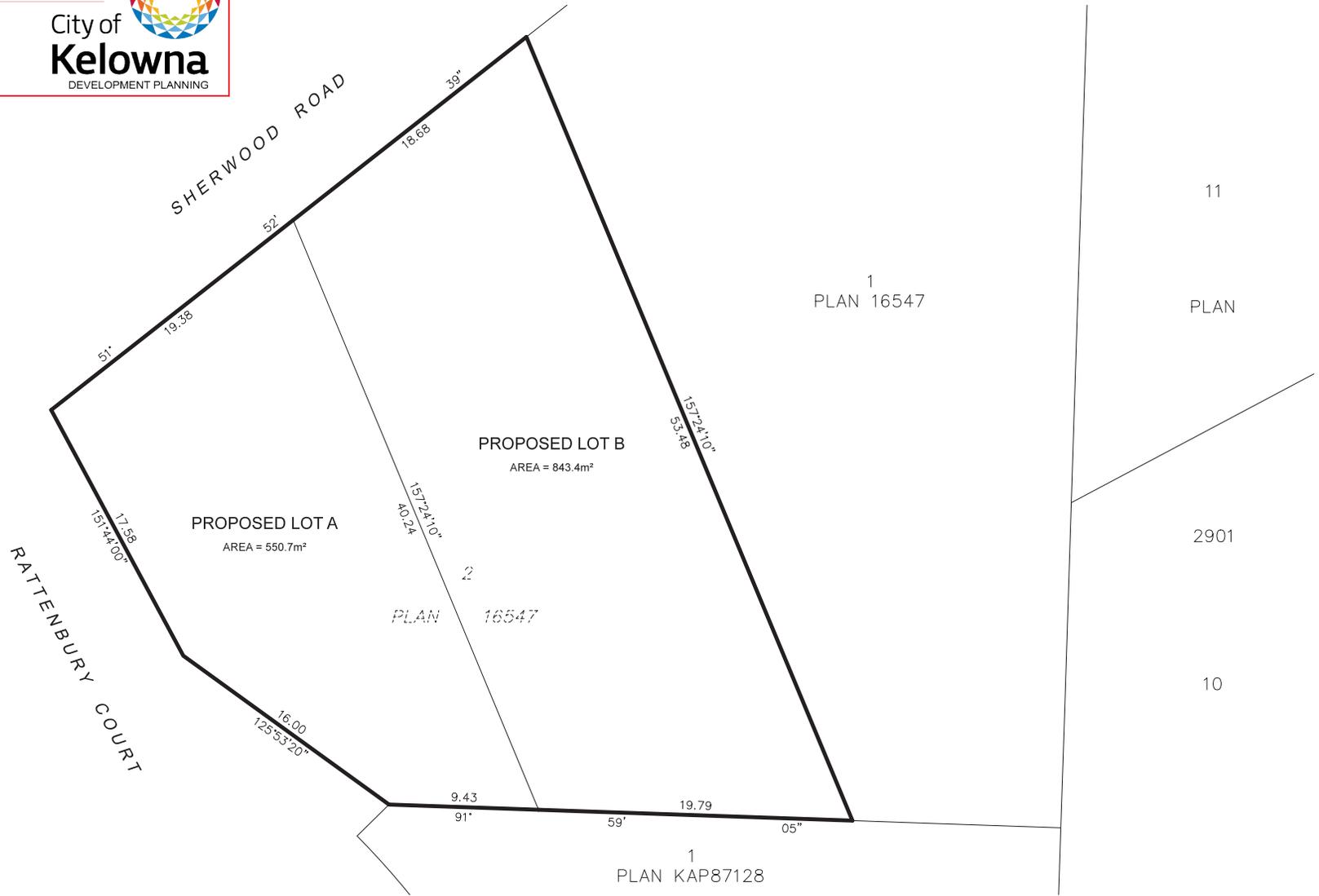
Z21-0067



City of
Kelowna
DEVELOPMENT PLANNING

Planner
Initials

TC



11

PLAN

1
PLAN 16547

2901

10

1
PLAN KAP87128

TITLE:
**PROPOSED SUBDIVISION OF LOT 2,
D.L. 358, O.D.Y.D., PLAN 16547
(639 Sherwood Road, Kelowna)**

DRAWN BY: **RUNNALLS DENBY**
british columbia land surveyors
259A Lawrence Avenue Kelowna, B.C. V1Y 6L2
Phone: (250)763-7322 Fax: (250)763-4413 Email: rob@runnallsdenby.com

CLIENT: **BOB LIU**

SCALE:	1:250 (11" x 17")	
DATE:	2021-06-01	
DWG:	16105 PSUB	
FILE No.:	16105	REV. 0