



City of Richmond

Report to Committee Planning and Development Division

To: Planning Committee

Date: November 7, 2016

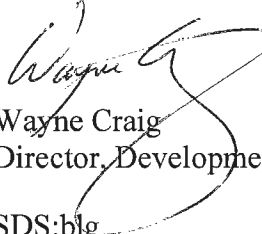
From: Wayne Craig
Director, Development

File: RZ 16-737179

Re: Application by 0868256 BC Ltd. for Rezoning at 8360/8380 Sierpina Place from Single Detached (RS1/E) to Single Detached (RS2/B)

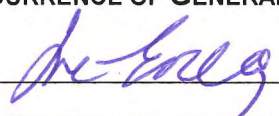
Staff Recommendation

That Richmond Zoning Bylaw 8500, Amendment Bylaw 9642, for the rezoning of 8360/8380 Sierpina Place from “Single Detached (RS1/E)” to “Single Detached (RS2/B)”, be introduced and given first reading.



Wayne Craig
Director, Development

SDS:blg
Att. 5

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Affordable Housing	<input checked="" type="checkbox"/>	

Staff Report

Origin

0868256 BC Ltd. has applied to the City of Richmond for permission to rezone the property at 8360/8380 Sierpina Place from the “Single Detached (RS1/E)” zone to the “Single Detached (RS2/B)” zone, to permit the property to be subdivided to create two (2) lots, with vehicle access from Sierpina Place (Attachment 1). The site is currently occupied by a duplex, which will be demolished. A site survey showing the proposed subdivision plan is included in Attachment 2.

Findings of Fact

A Development Application Data Sheet providing details about the development proposal is attached (Attachment 3).

Surrounding Development

Development immediately surrounding the subject site is as follows:

To the North: Single-family dwellings on lots zoned “Single Detached (RS1/E)” fronting Sierpina Place.

To the South & East: Single-family dwellings on lots zoned “Single Detached (RS1/E)” fronting Greenfield Drive.

To the West: Single-family dwellings on lots zoned “Single Detached (RS1/E)” fronting Sierpina Place.

Related Policies & Studies

Official Community Plan

The Official Community Plan (OCP) land use designation for the subject property is “Neighbourhood Residential”. The proposed rezoning and subdivision would comply with this designation.

Zoning Bylaw 8500

Section 2.3.7 of the Zoning Bylaw permits properties with existing duplexes to be rezoned and subdivided into no more than two (2) single-family lots. Proposed lots at the subject site will be approximately 15 m (49 ft²) and 12 m (129 ft²) wide and approximately 445 m² (4,789 ft²) and 463 m² (4,983 ft²) in area. The proposed subdivision would comply with the minimum lot dimensions and size of the “Single Detached (RS2/B)” zone.

Floodplain Management Implementation Strategy

The proposed redevelopment must meet the requirements of the Richmond Flood Plain Designation and Protection Bylaw 8204. Registration of a flood indemnity covenant on Title is required prior to final adoption of the rezoning bylaw.

Public Consultation

A rezoning sign has been installed on the subject property. Staff have not received any comments from the public about the rezoning application in response to the placement of the rezoning sign on the property.

Should the Planning Committee endorse this application and Council grant first reading to the rezoning bylaw, the bylaw will be forwarded to a Public Hearing; where any area resident or interested party will have an opportunity to comment. Public notification for the Public Hearing will be provided as per the *Local Government Act*.

Analysis

Existing Legal Encumbrances

There is an existing 3.0 m wide statutory right-of-way (SRW) registered on Title for utilities along the rear of the subject property; which will not be impacted by the proposed development. The applicant is aware that encroachment into the SRW is not permitted.

Transportation and Site Access

Vehicle access to the proposed lots is to be from Sierpina Place via a single shared driveway letdown, which will be secured at Subdivision stage through the required servicing works.

Tree Retention and Replacement

A Certified Arborist's Report was submitted by the applicant; which identifies tree species, assesses tree structure and condition, and provides recommendations on tree retention and removal relative to the proposed development. The report assesses seven (7) bylaw-sized trees located on the subject site, seven (7) trees located on neighbouring properties and one (1) City-owned tree.

The City's Tree Preservation Coordinator has reviewed the Arborist's Report, conducted on-site visual tree assessment, and concurs with the Arborist's recommendations to:

- Retain and protect five (5) trees (tag# 3, 9, 11, 12 & 13) located on-site due to good condition (57, 44, 47, 30 & 70 cm dbh).
- Retain and protect all seven (7) trees (tag# 2, 4, 5, 6, 7, 8 & 14) located on neighbouring properties.

- Remove one (1) Fig tree (tag# 10) and one (1) Southern Magnolia tree (tag# 15) located on the subject property due to poor condition from previous topping and conflict with the proposed building footprint (38 & 93 cm dbh).
- Remove one (1) City-owned Cherry tree (82 cm dbh) (tag# 1) located in front of the subject property due to poor condition and conflict with the proposed driveway and required water service connection works for the proposed lots. The Engineering Department has confirmed the tree will need to be removed in order to facilitate required servicing works. The applicant has received approval from the Parks Department and must contact the department four (4) days prior to removal. Compensation of \$1,300 is required in order for the Parks Department to plant two (2) trees at or near the subject property.

Tree Protection

The proposed Tree Management Diagram is shown in Attachment 4, which outlines the protection of the five (5) trees on-site and seven (7) trees on neighbouring properties.

To ensure the protection of the 12 trees (tag# 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, & 14), the applicant is required to complete the following:

- Prior to final adoption of the rezoning bylaw, submission to the City of a contract with a Certified Arborist for supervision of all works conducted within or in close proximity to tree protection zones. The contract must include the scope of work required, the number of proposed monitoring inspections at specified stages of construction, any special measures required to ensure tree protection, and a provision for the arborist to submit a post-construction impact assessment to the City for review.
- Submission of a Tree Survival Security to the City in the amount of \$35,000 for the five (5) on-site trees to be retained.
- Prior to the demolition of the existing dwelling on the subject site, the applicant is required to install tree protection fencing around all trees to be retained. Tree protection fencing must be installed to City standard in accordance with the City's Tree Protection Information Bulletin TREE-03, prior to any works being conducted on-site, and remain in place until construction and landscaping works are completed.

Tree Replacement

For the removal of the two (2) trees on-site, the OCP tree replacement ratio goal of 2:1 requires four (4) replacement trees to be planted and maintained on the proposed lots. The applicant has proposed to plant and maintain four (4) replacement trees on-site, one (1) tree on proposed Lot A, in addition to the five (5) trees to be retained and protected, and three (3) trees on proposed Lot B.

As per Tree Protection Bylaw No. 8057, based on the sizes of the on-site trees being removed (38 & 93 cm dbh), replacement trees shall be the following minimum sizes:

No. of Replacement Trees	Minimum Caliper of Deciduous Replacement Tree	or	Minimum Height of Coniferous Replacement Tree
2	8 cm		4 m
2	11 cm		6 m

To ensure that four (4) replacement trees are planted on-site at development stage, the applicant is required to submit a Landscaping Security in the amount of \$2,000 (\$500/tree) prior to final adoption of the rezoning bylaw. Securities will not be released until a landscaping inspection has been passed by City staff after construction and landscaping has been completed. The City may retain a portion of the security for a one (1) year maintenance period from the date of the landscape inspection.

Affordable Housing Strategy

The City’s current Affordable Housing Strategy (adopted by Council September 14, 2015) for single-family rezoning applications requires a secondary suite on 100% of new lots, or a secondary suite on 50% of new lots, plus a cash-in-lieu contribution of \$2.00/ft² of total buildable area towards the City’s Affordable Housing Reserve Fund for the remaining 50% of new lots, or a 100% cash-in-lieu contribution.

The applicant proposes to provide a legal secondary suite in the dwelling on one (1) of the two (2) lots proposed at the subject site. To ensure that the secondary suite is built to the satisfaction of the City in accordance with the City’s Affordable Housing Strategy, the applicant is required to enter into a legal agreement registered on Title; stating that no final Building Permit inspection will be granted until the secondary suite is constructed to the satisfaction of the City in accordance with the BC Building Code and Richmond Zoning Bylaw 8500. Registration of this legal agreement is required prior to final adoption of the rezoning bylaw.

For the remaining one (1) lot, the applicant proposes to provide a voluntary contribution to the Affordable Housing Reserve Fund based on \$2.00/ft² of total buildable area (i.e. \$5,482.05) in-lieu of providing a secondary suite, consistent with the Affordable Housing Strategy. The cash-in-lieu contribution must be submitted prior to final adoption of the rezoning bylaw.

Site Servicing and Frontage Improvements

At future subdivision and building permit stage, the applicant is required to complete the following:

- Frontage improvements including, but not limited to, construction of a shared driveway letdown and sidewalk panel replacement at developer’s cost.
- Payment of current year’s taxes and the costs associated with the completion of the required servicing works and frontage improvements as described in Attachment 5.

Financial Impact or Economic Impact

The rezoning application results in an insignificant Operational Budget Impact (OBI) for off-site City infrastructure (such as roadworks, waterworks, storm sewers, sanitary sewers, street lights, street trees and traffic signals).

Conclusion

The purpose of this rezoning application is to rezone the property at 8360/8380 Sierpina Place from the "Single Detached (RS1/E)" zone to the "Single Detached (RS2/B)" zone, to permit the property to be subdivided to create two (2) lots.

This rezoning application complies with the land use designations and applicable policies contained within the OCP for the subject site.

The list of rezoning considerations is included in Attachment 5; which has been agreed to by the applicant (signed concurrence on file).

On this basis, it is recommended that Richmond Zoning Bylaw 8500, Amendment Bylaw 9642 be introduced and given first reading.



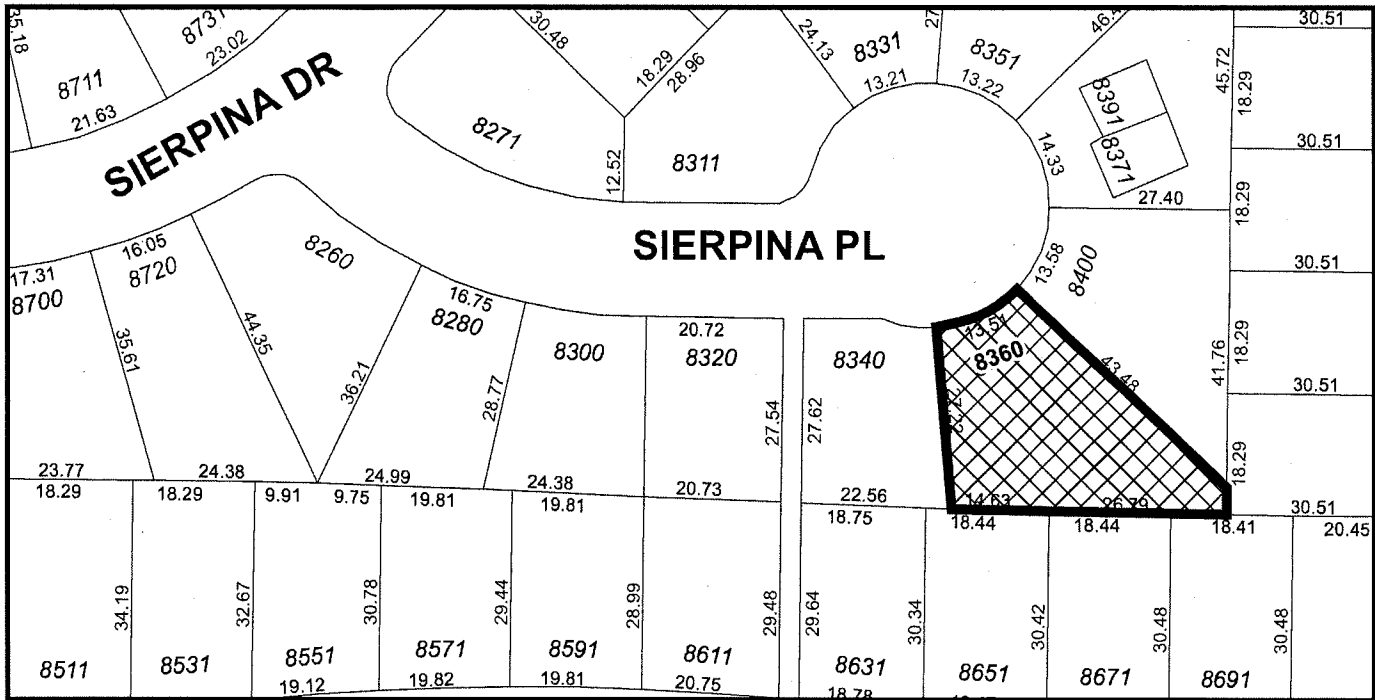
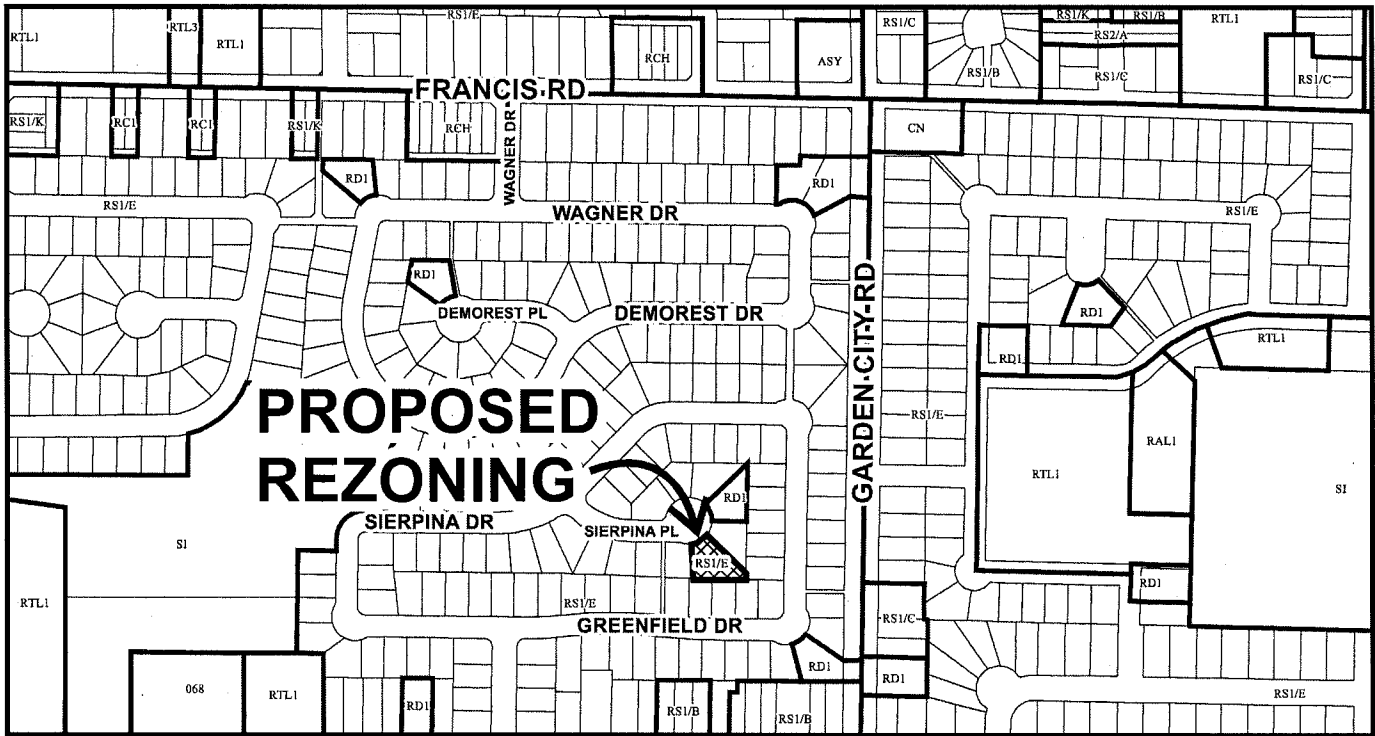
Steven De Sousa
Planning Technician – Design
(604-276-8529)

SDS:blg

- Attachment 1: Location Map
- Attachment 2: Proposed Subdivision Plan
- Attachment 3: Development Application Data Sheet
- Attachment 4: Tree Management Plan
- Attachment 5: Rezoning Considerations



City of
Richmond



	<p style="text-align: center;">RZ 16-737179</p>	<p>Original Date: 08/03/16 Revision Date: Note: Dimensions are in METRES</p>
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City of Richmond



RZ 16-737179

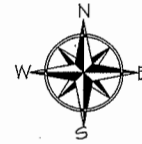
Original Date: 08/03/16

Revision Date:

Note: Dimensions are in METRES

**TOPOGRAPHIC SURVEY AND PROPOSED SUBDIVISION OF
LOT 409 SECTION 28 BLOCK 4 NORTH RANGE 6 WEST
NEW WESTMINSTER DISTRICT PLAN 45807**

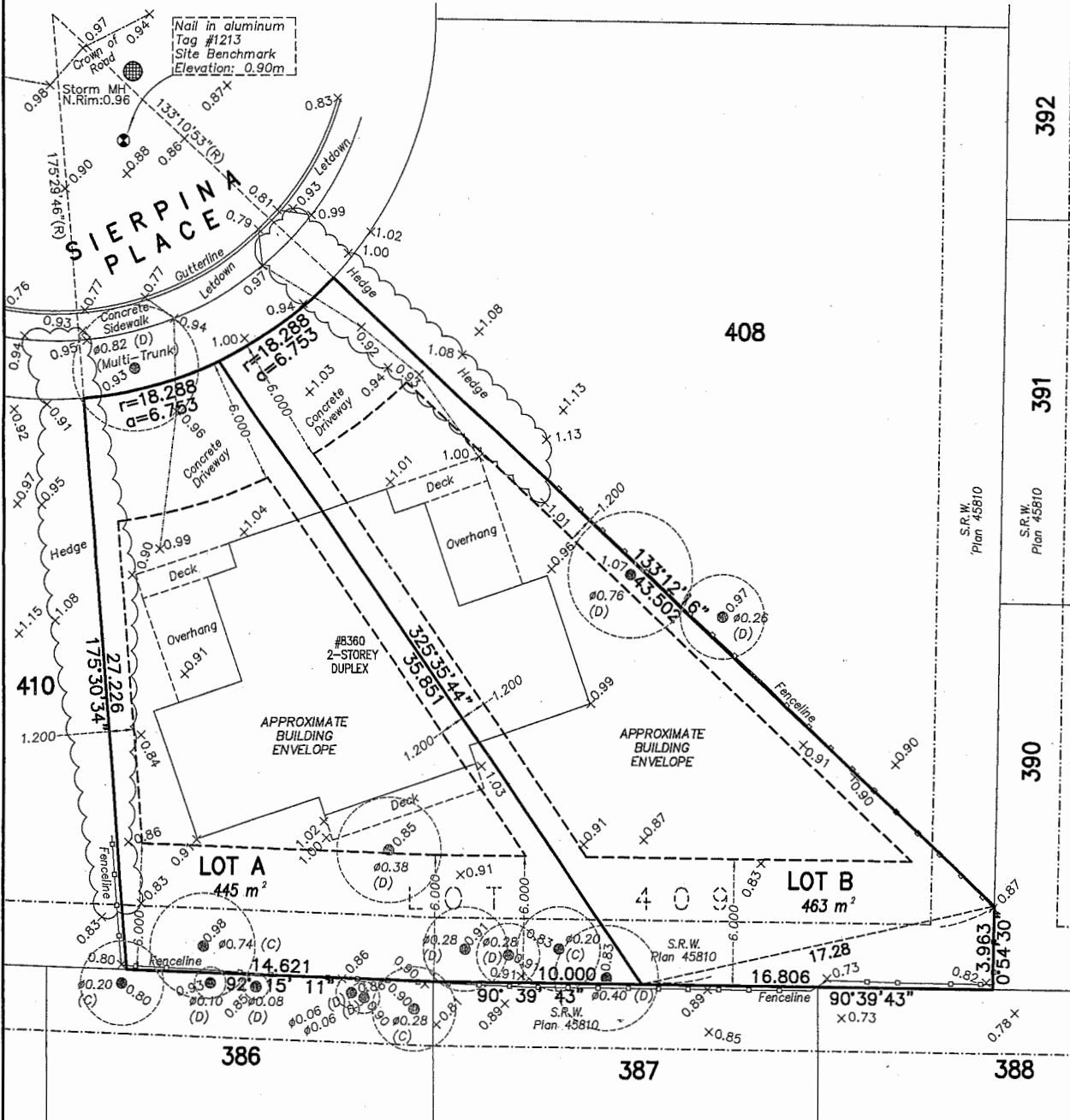
#8360 SIERPINA PLACE,
RICHMOND, B.C.
P.I.D. 004-504-241



SCALE: 1:200



ALL DISTANCES ARE IN METRES AND DECIMALS
THEREOF UNLESS OTHERWISE INDICATED



© copyright
J. C. Tam and Associates
Conodo and B.C. Land Surveyor
115 - 8833 Odlin Crescent
Richmond, B.C. V6X 3Z7
Telephone: 214-8928
Fax: 214-8929
E-mail: office@jctam.com
Website: www.jctam.com
Job No. 6633
FB-310 P36-37
Drawn By: IO

NOTE:
Elevations shown are based on
City of Richmond HPN
Benchmark network.
Benchmark: HPN #191
Control Monument 02H2453
Elevation: 1.664m
Benchmark: HPN #204
Control Monument 02H2452
Elevation: 1.559m

NOTE:
Use site Benchmark Tag #1213 for
construction elevation control.

LEGEND:
(C) denotes conifer
(D) denotes deciduous
(M) denotes manhole
(R) denotes radial bearing

CERTIFIED CORRECT:
LOT DIMENSION ACCORDING TO
FIELD SURVEY.

Johnson C. Tam
JOHNSON C. TAM, B.C.L.S.
JUNE 18th, 2016.

DWG No. 6633-Topo



RZ 16-737179

Attachment 3

Address: 8360/8380 Sierpina Place

Applicant: 0868256 BC Ltd.

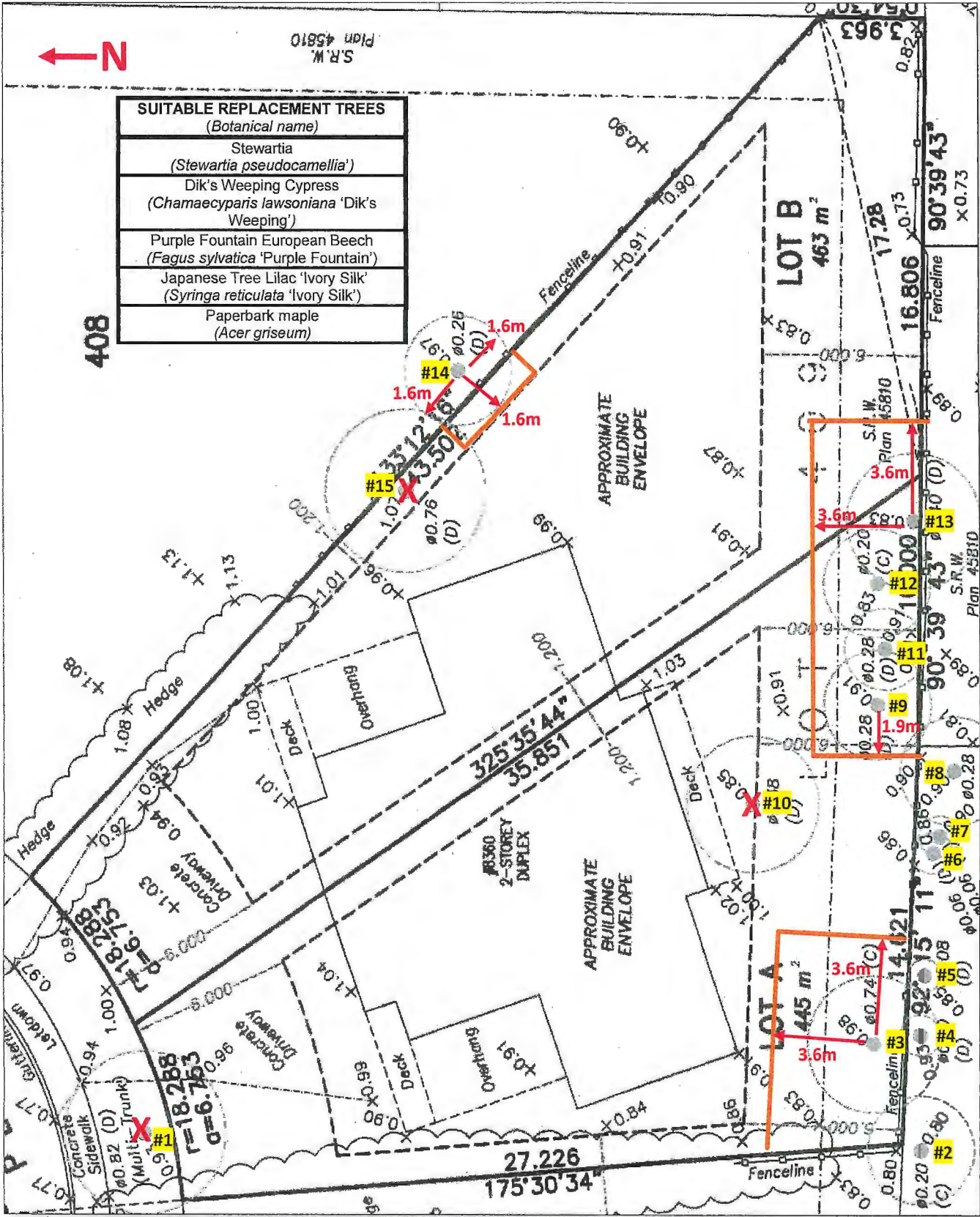
Planning Area(s): Broadmoor

	Existing	Proposed
Owner:	K. McElwain & N. Carpenter	To be determined
Site Size:	908 m ² (9,773 ft ²)	Lot A: 445 m ² (4,790 ft ²) Lot B: 463 m ² (4,983 ft ²)
Land Uses:	Single-family residential	No change
OCP Designation:	Neighbourhood Residential	Complies
Zoning:	Single Detached (RS1/E)	Single Detached (RS2/B)
Number of Units:	1	2

On Future Subdivided Lots	Bylaw Requirement	Proposed	Variance
Floor Area Ratio:	Max. 0.55	Max. 0.55	None Permitted
Buildable Floor Area:*	Lot A: Max. 244 m ² (2,634 ft ²) Lot B: Max. 254 m ² (2,741 ft ²)	Lot A: Max. 244 m ² (2,634 ft ²) Lot B: Max. 254 m ² (2,741 ft ²)	None permitted
Lot Coverage:	Building: Max. 45% Non-porous: Max. 70% Landscaping: Max. 25%	Building: Max. 45% Non-porous: Max. 70% Landscaping: Max. 25%	None
Lot Size:	Min. 360.0 m ²	Lot A: 445 m ² Lot B: 463 m ²	None
Lot Dimensions:	Width: Min. 12 m Depth: Min. 24 m	Lot A Width: 15 m Depth: 31 m Lot B Width: 12 m Depth: 39 m	None
Setbacks:	Front: Min. 6 m Rear: Min. 6 m Interior Side: Min. 1.2 m	Front: Min. 6 m Rear: Min. 6 m Interior Side: Min. 1.2 m	None
Height:	Max. 2 ½ storeys	Max. 2 ½ storeys	None

Other: Tree replacement compensation required for loss of significant trees.

* Preliminary estimate; not inclusive of garage; exact building size to be determined through zoning bylaw compliance review at Building Permit stage.



Preliminary Tree Retention & Removal Plan, Scale 1:200



City of Richmond

Rezoning Considerations

Development Applications Department
6911 No. 3 Road, Richmond, BC V6Y 2C1

Address: 8360/8380 Sierpina Place

File No.: RZ 16-737179

Prior to final adoption of Richmond Zoning Bylaw 8500, Amendment Bylaw 9642, the developer is required to complete the following:

- Submission of a Landscaping Security in the amount of \$2,000 (\$500/tree) to ensure that a total of four (4) replacement trees are planted and maintained on the proposed lots with the following minimum sizes:

No. of Replacement Trees	Minimum Caliper of Deciduous Replacement Tree	or	Minimum Height of Coniferous Replacement Tree
2	8 cm		4 m
2	11 cm		6 m

The security will not be released until an acceptable impact assessment report by a Certified Arborist is submitted and a landscaping inspection is passed by City staff. The City may retain a portion of the security for a one-year maintenance period.

If required replacement trees cannot be accommodated on-site, a cash-in-lieu contribution in the amount of \$500/tree to the City's Tree Compensation Fund for off-site planting is required.

- Submission of a Contract entered into between the applicant and a Certified Arborist for supervision of any on-site works conducted within the tree protection zone of the trees to be retained. The Contract should include the scope of work to be undertaken, including: the proposed number of site monitoring inspections, and a provision for the Arborist to submit a post-construction assessment report to the City for review.
- Submission of a Tree Survival Security to the City in the amount of \$35,000 for the five (5) on-site trees to be retained.
- City's acceptance of the applicant's voluntary contribution of \$1,300 for the removal of the one (1) City-owned tree, in order for the City to plant two (2) trees at or near the development site.
- Registration of a flood indemnity covenant on Title.
- Registration of a legal agreement on Title to ensure that no final Building Permit inspection is granted until a secondary suite is constructed on one (1) of the two (2) future lots, to the satisfaction of the City in accordance with the BC Building Code and the City's Zoning Bylaw.
- The City's acceptance of the applicant's voluntary contribution of \$2.00 per buildable square foot of the single-family developments (i.e. \$5,482.05) to the City's Affordable Housing Reserve Fund.

At Demolition Permit* stage, the developer is required to complete the following:

- Installation of tree protection fencing around all trees to be retained. Tree protection fencing must be installed to City standard in accordance with the City's Tree Protection Information Bulletin TREE-03 prior to any works being conducted on-site, and must remain in place until construction and landscaping on-site is completed.

At Subdivision* and Building Permit* stage, the developer must complete the following requirements:

- Payment of current year's taxes and the costs associated with the completion of the required servicing works and frontage improvements.
- The following servicing works and off-site improvements may be completed through either a) a Servicing Agreement* entered into by the applicant to design and construct the works to the satisfaction of the Director of Engineering; or b) a cash contribution (based on the City's cost estimate for the works) for the City to undertake the works at development stage:

Water Works:

- Using the OCP Model, there is 105 L/s of water available at a 20 psi residual at the Garry Street frontage. Based on your proposed development, your site requires a minimum fire flow of 95 L/s.
- The Developer is required to:
 - Submit Fire Underwriter Survey (FUS) or International Organization for Standardization (ISO) fire flow calculations to confirm the development has adequate fire flow for on-site fire protection. Calculations must be signed and sealed by a Professional Engineer and be based on Building Permit Stage Building designs.
- At Developer's cost, the City is to:
 - Cut and cap, at main, existing 20 mm water service connection.
 - Install two (2) new water service connections, complete with meter and meter box, off of the existing 150 mm AC watermain along the north property line.

Storm Sewer Works:

- The Developer is required to:
 - Retain the existing storm service connection at the northwest corner of the lot.
- At Developer's cost, the City is to:
 - Install a new storm service connection, with the existing manhole STMH5729 to serve as its inspection chamber, off of the existing 450 mm storm sewer.

Sanitary Sewer Works:

- The Developer is required to:
 - Not start on-site foundation construction prior to completion of rear yard sanitary works by City crews.
 - Retain the existing sanitary service connection at the southwest corner of the lot.
- At Developer's cost, the City is to:
 - Install a new sanitary service connection, complete with inspection chamber, off of the existing 200 mm PVC sanitary sewer main along the south property line.

Frontage Improvements:

- The Developer is required to:
 - Coordinate with BC Hydro, Telus and other private communication service providers
 - When relocating/modifying any of the existing power poles and/or guy wires within the property frontages.
 - To determine if above ground structures are required and coordinate their locations (e.g. Vista, PMT, LPT, Shaw cabinets, Telus Kiosks, etc.). These should be located on-site.
 - Complete other frontage improvements as per Transportation's requirements
- The Developer is required to construct frontage improvements, which include, but are not limited to, the following:
 - Shared driveway letdown and sidewalk panel replacement at developer's cost; with the location, design and construction to the satisfaction of the Director of Engineering.

General Items:

- a. The Developer is required to:
 - Enter into, if required, additional legal agreements, as determined via the subject development's Servicing Agreement(s) and/or Development Permit(s), and/or Building Permit(s) to the satisfaction of the Director of Engineering, including, but not limited to, site investigation, testing, monitoring, site preparation, de-watering, drilling, underpinning, anchoring, shoring, piling, pre-loading, ground densification or other activities that may result in settlement, displacement, subsidence, damage or nuisance to City and private utility infrastructure.
3. If applicable, submissions of a Construction Parking and Traffic Management Plan to the Transportation Department. Management Plan shall include location for parking services, deliveries, workers, loading, application for any lane closures, and proper construction traffic controls as per Traffic Control Manual for works on Roadways (by Ministry of Transportation) and MMCD Traffic Regulation Section 01570.
4. Obtain a Building Permit (BP) for any construction hoarding. If construction hoarding is required to temporarily occupy a public street, the air space above a public street, or any part thereof, additional City approvals and associated

fees may be required as part of the Building Permit. For additional information, contact the Building Approvals Department at 604-276-4285.

Note:

- * This requires a separate application.
- Where the Director of Development deems appropriate, the preceding agreements are to be drawn not only as personal covenants of the property owner but also as covenants pursuant to Section 219 of the Land Title Act.

All agreements to be registered in the Land Title Office shall have priority over all such liens, charges and encumbrances as is considered advisable by the Director of Development. All agreements to be registered in the Land Title Office shall, unless the Director of Development determines otherwise, be fully registered in the Land Title Office prior to enactment of the appropriate bylaw.

The preceding agreements shall provide security to the City including indemnities, warranties, equitable/rent charges, letters of credit and withholding permits, as deemed necessary or advisable by the Director of Development. All agreements shall be in a form and content satisfactory to the Director of Development.

- Additional legal agreements, as determined via the subject development's Servicing Agreement(s) and/or Development Permit(s), and/or Building Permit(s) to the satisfaction of the Director of Engineering may be required including, but not limited to, site investigation, testing, monitoring, site preparation, de-watering, drilling, underpinning, anchoring, shoring, piling, pre-loading, ground densification or other activities that may result in settlement, displacement, subsidence, damage or nuisance to City and private utility infrastructure.
- Applicants for all City Permits are required to comply at all times with the conditions of the Provincial *Wildlife Act* and Federal *Migratory Birds Convention Act*, which contain prohibitions on the removal or disturbance of both birds and their nests. Issuance of Municipal permits does not give an individual authority to contravene these legislations. The City of Richmond recommends that where significant trees or vegetation exists on site, the services of a Qualified Environmental Professional (QEP) be secured to perform a survey and ensure that development activities are in compliance with all relevant legislation.

[Signed original on file]

Signed

Date



Richmond Zoning Bylaw 8500
Amendment Bylaw 9642 (RZ 16-737179)
8360/8380 Sierpina Place

The Council of the City of Richmond, in open meeting assembled, enacts as follows:

- 1. The Zoning Map of the City of Richmond, which accompanies and forms part of Richmond Zoning Bylaw 8500, is amended by repealing the existing zoning designation of the following area and by designating it "SINGLE DETACHED (RS2/B)".

P.I.D. 004-504-241

Lot 409 Section 28 Block 4 North Range 6 West New Westminster District Plan 45807

- 2. This Bylaw may be cited as "Richmond Zoning Bylaw 8500, Amendment Bylaw 9642".

FIRST READING

NOV 28 2016

A PUBLIC HEARING WAS HELD ON

SECOND READING

THIRD READING

OTHER CONDITIONS SATISFIED

ADOPTED

CITY OF RICHMOND
APPROVED by [Signature]
APPROVED by Director or Solicitor [Signature]

MAYOR

CORPORATE OFFICER