



City of Richmond

Report to Committee Planning and Development Division

To: Planning Committee
From: Wayne Craig
Director, Development

Date: November 16, 2017
File: RZ 17-784468


Re: Application by Raj Dhaliwal for Rezoning at 10460 Williams Road from "Single Detached (RS1/E)" Zone to "Compact Single Detached (RC2)" Zone

Staff Recommendation

That Richmond Zoning Bylaw 8500, Amendment Bylaw 9789, for the rezoning of 10460 Williams Road from "Single Detached (RS1/E)" zone to "Compact Single Detached (RC2)" zone, be introduced and given first reading.


Wayne Craig
Director, Development
(604-247-4625)

JR:blg
Att. 7

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

Staff Report

Origin

Raj Dhaliwal has applied to the City of Richmond for permission to rezone 10460 Williams Road from the “Single Detached (RS1/E)” zone to the “Compact Single Detached (RC2)” zone, to permit the property to be subdivided to create two single-family lots with vehicle access from the rear lane (Attachment 1). The proposed subdivision plan is shown in Attachment 2. There is an existing single-family dwelling on the property, which would be demolished.

Findings of Fact

A Development Application Data Sheet providing details about the development proposal is provided in Attachment 3.

Surrounding Development

Development immediately surrounding the subject site is as follows:

- To the North, across Williams Road: Single-family dwellings on compact lots zoned “Compact Single Detached (RC1)” and “Single Detached Convertible Accessible (ZS4) – Steveston and Shellmont”, with vehicle access from a rear lane.
- To the South, across the rear lane: Single-family dwellings on lots zoned “Single Detached with Granny Flat or Coach House – Edgemere (RE1)”, with vehicle access from Aintree Crescent.
- To the East: A single-family dwelling on a compact lot zoned “Compact Single Detached (RC2)”, with vehicle access from a rear lane.
- To the West: A single-family dwelling on a lot zoned “Single Detached (RS1/E)”, with vehicle access from a rear lane.

Related Policies & Studies

Official Community Plan/Shellmont Area Plan

The subject property is located in the Shellmont planning area, and is designated “Neighbourhood Residential” in the Official Community Plan (OCP) (Attachment 4). The proposed rezoning and subdivision are consistent with this designation.

Arterial Road Policy

The subject property is designated “Arterial Road Compact Lot Single Detached” on the Arterial Road Housing Development Map. The Arterial Road Land Use Policy requires all compact lot developments to be accessed from the rear lane only. The proposed rezoning and ensuing development are consistent with this Policy.

Prior to final adoption of the rezoning bylaw, the applicant must submit a Landscape Plan, prepared by a Registered Landscape Architect, to the satisfaction of the Director of Development, and deposit a Landscaping Security based on 100% of the cost estimate provided by the Landscape Architect, including installation costs. The Landscape Plan should comply with the guidelines of the OCP's Arterial Road Policy and include any required replacement trees identified as a condition of rezoning.

Richmond Zoning Bylaw 8500/Single-Family Lot Size Policy 5443

The subject property is located in the area governed by Single-Family Lot Size Policy 5443, which was adopted by Council on December 17, 1990, and subsequently amended on December 18, 2006 (Attachment 5). The subject property is permitted to subdivide as per the "Compact Single Detached (RC2)" zone, provided that vehicle access is from the rear lane only. The proposed rezoning and subdivision are consistent with this Policy.

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

Transportation and Site Access

Residential Lot (Vehicular) Access Regulation Bylaw No. 7222 restricts vehicle access to properties on designated arterial roads to the rear lane only. Vehicle access is proposed from the rear lane via separate driveways to each new lot, consistent with this Bylaw.

Tree Retention and Replacement

The applicant has submitted a Certified Arborist's Report, which identifies on-site and off-site tree species, assesses tree structure and condition, and provides recommendations on tree retention and removal relative to the proposed development. The Report assesses 10 bylaw-sized trees on the subject property and three street trees on City property.

The City's Tree Preservation Coordinator has reviewed the Arborist's Report and supports the Arborist's findings, with the following comments:

- 10 trees located on the subject property (Tag # 594, 595, 596, 597, 598, 599, 600, 601, 602, and 603) exhibit structural defects, poor health, and restricted root plates. As a result, these trees are not good candidates for retention and should be replaced. These trees should be removed and replaced.
- Two trees located on the subject property (untagged) are not bylaw-sized, but were replacement trees planted under the condition of Tree Removal Permit 14-653777. These trees are in good condition, but will be impacted by significant grade changes due to the Flood Construction Level requirements. These trees should be removed and replaced.
- Replacement trees should be specified at 2:1 ratio as per the OCP; for a total of 24 replacement trees.

The City Parks Department has assessed the condition of the three trees located in the City-owned boulevard (untagged). The trees are in good condition and will be protected.

Tree Replacement

The applicant wishes to remove 12 on-site trees (Trees # 594-603, and two untagged trees). The 2:1 replacement ratio would require a total of 24 replacement trees. Based on the size and configuration of the [proposed lots, the applicant has agreed to plant three trees on each lot proposed, for a total of six trees. The required replacement trees are to be of the following minimum sizes, based on the size of the trees being removed as per Tree Protection Bylaw No. 8057.

No. of Replacement Trees	Minimum Caliper of Deciduous Replacement Tree	Minimum Height of Coniferous Replacement Tree
4	11 cm	6 m
2	10 cm	5.5 m

To satisfy the 2:1 replacement ratio established in the OCP, the applicant will contribute \$9,000 to the City's Tree Compensation Fund in lieu of the remaining 18 trees that cannot be accommodated on the subject property after redevelopment.

Tree Protection

Three trees in the City-owned boulevard are to be retained and protected. The applicant has submitted a tree protection plan showing the trees to be retained and the measures taken to protect them during development stage (Attachment 6). To ensure that the trees identified for retention are protected at development stage, the applicant is required to complete the following items:

Prior to final adoption of the rezoning bylaw, submission to the City of a contract with a Certified Arborist for the 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.

- Prior to final adoption of the rezoning bylaw, submission of a \$5,900 Tree Survival Security for the three City-owned trees to be retained.
- Prior to demolition of the existing dwelling on the subject site, 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 remain in place until construction and landscaping on-site is completed.

Affordable Housing Strategy

The Affordable Housing Strategy for single-family rezoning applications requires a secondary suite or coach house on 100% of new lots created; a secondary suite or coach house on 50% of new lots created together with a cash-in-lieu contribution to the City's Affordable Housing Reserve Fund of \$4.00/ft² of the total buildable area of the remaining lots; or, where a secondary suite cannot be accommodated in the development, a cash-in-lieu contribution to the City's Affordable Housing Reserve Fund of \$4.00/ft² of the total buildable area of the development.

The applicant has proposed a secondary suite in each of the dwellings to be built on the new lots, for a total of two secondary suites. This is consistent with the Affordable Housing Strategy.

Prior to final adoption of the rezoning bylaw, the applicant must register a legal agreement on Title to ensure that no final Building Permit inspection is granted until a secondary suite is constructed in the dwelling on each of the two future lots, to the satisfaction of the City in accordance with the BC Building Code and the City's Zoning Bylaw.

Site Servicing and Frontage Improvements

At Subdivision stage, the applicant is required to pay the current year's taxes, Development Cost Charges (City and GVS & DD), School Site Acquisition Charge, Address Assignment Fees, and the costs associated with the servicing works described in Attachment 7.

Financial Impact

This rezoning application results in an insignificant Operations 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 application is to rezone 10460 Williams Road from the “Single Detached (RS1/E)” zone to the “Compact Single Detached (RC2)” zone, to permit the property to be subdivided to create two single-family lots with vehicle access from the rear lane.

This rezoning application is consistent with the land use designations and applicable policies for the subject property contained in the OCP and Richmond Zoning Bylaw 8500.

The list of rezoning considerations is included in Attachment 7, which has been agreed to by the applicant (signed concurrence on file).

It is recommended that Richmond Zoning Bylaw 8500, Amendment Bylaw 9789 be introduced and given first reading.



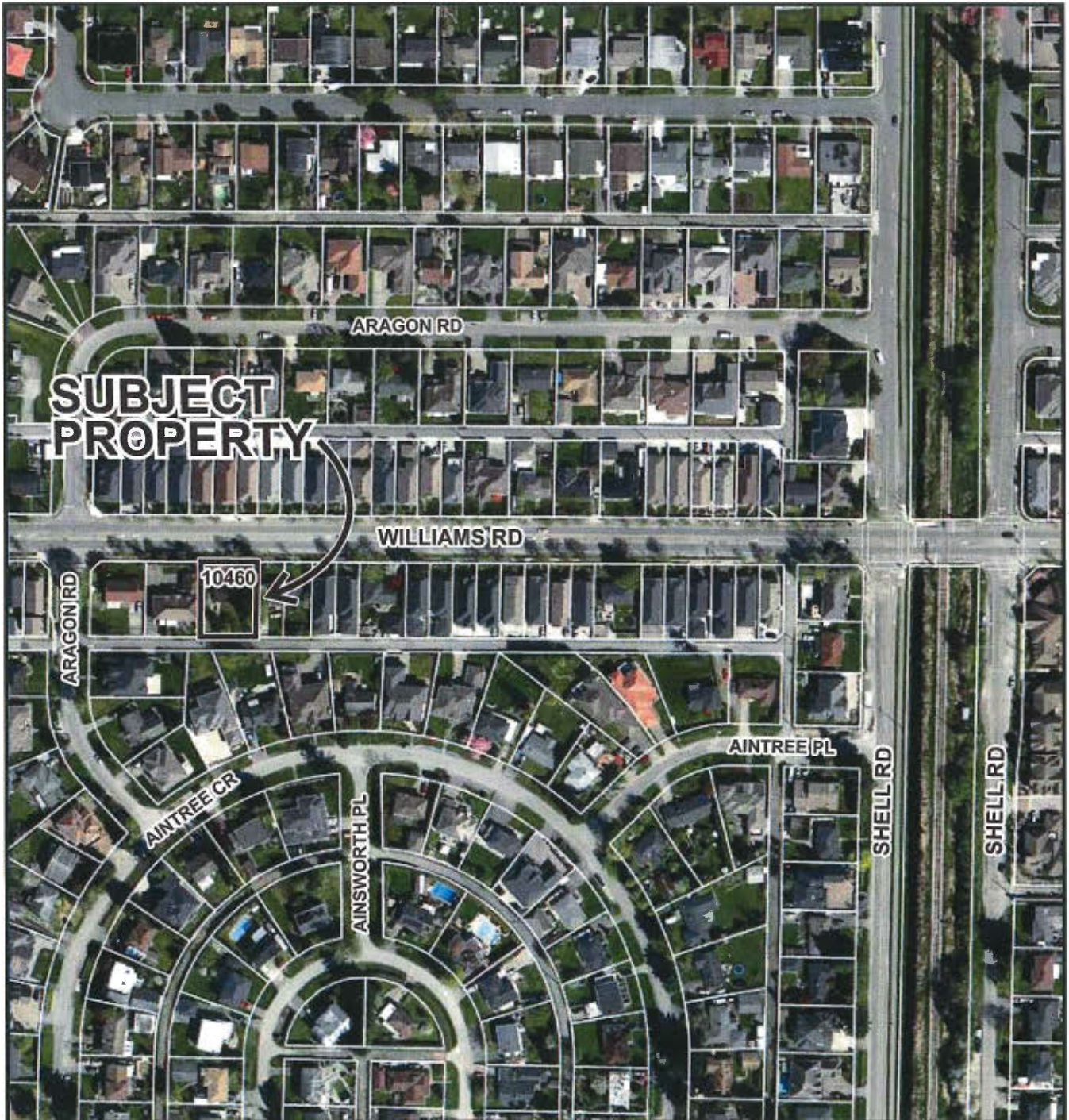
Jordan Rockerbie
Planning Technician
(604-276-4092)

JR:blg

- Attachment 1: Location Map and Aerial Photo
- Attachment 2: Proposed Subdivision Plan
- Attachment 3: Development Application Data Sheet
- Attachment 4: Shellmont Area Land Use Map
- Attachment 5: Single-Family Lot Size Policy 5443
- Attachment 6: Tree Retention Plan
- Attachment 7: Rezoning Considerations



City of
Richmond



RZ 17-784468

Original Date: 09/12/17

Revision Date: 09/14/17

Note: Dimensions are in METRES

PLN - 77

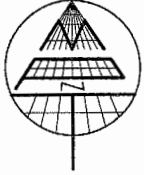
**SURVEY PLAN OF LOT 19 BLOCK 12 Sec 35
BK4N R6W NWD PLAN 18551**

ATTACHMENT 2

=> FOR REZONING PURPOSES
PARCEL IDENTIFIER (PID): 003-590-704

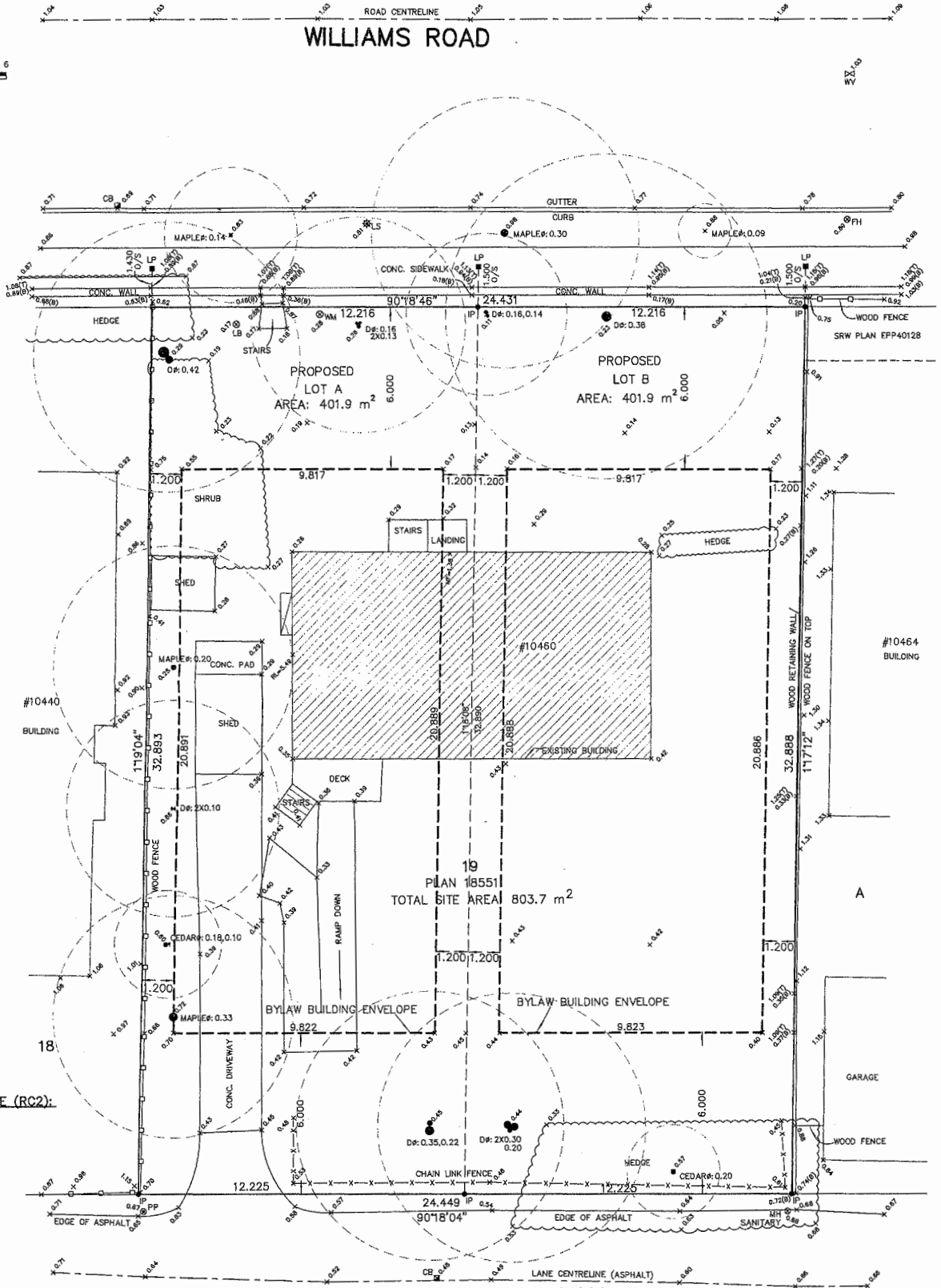
CIVIC ADDRESS
#10460 WILLIAMS ROAD
RICHMOND, BC

SCALE 1:100



LEGEND

- +0.88 INDICATE SPOT ELEVATION
- IP INDICATES IRON POST
- LP INDICATES LEAD PLUG
- CB INDICATES CATCH BASIN
- ⊙ LS INDICATES LAMP STANDARD
- ⊙ FH INDICATES FIRE HYDRANT
- LB INDICATES LAWN BASIN
- MH INDICATES MANHOLE
- WM INDICATES WATER METER
- PP INDICATES POWER POLE
- WV INDICATES WATER VALVE
- CONC. INDICATES CONCRETE
- ⊘ INDICATES DIAMETER
- D INDICATES DECIDUOUS
- MF INDICATES MAIN FLOOR
- RL INDICATES ROOF LEVEL
- (T) INDICATES TOP OF WALL
- (B) INDICATES BOTTOM OF WALL



BUILDING ENVELOPE FORMULAE (RC2):

FRONT SETBACK = 5.0m
REAR SETBACK = 5.0m
SIDEYARD = 1.2m
(FORMULAE SHOULD BE VERIFIED WITH RICHMOND CITY PLANNING DEPARTMENT.)

NOTES:

- ELEVATIONS ARE IN METRES AND ARE DERIVED FROM CITY OF RICHMOND HPN MONUMENT #191 (G2H2453) LOCATED AT THE RIVERSIDE WAY AND FEATHERSTONE WAY WITH AN ELEVATION OF 1.864 METRES CVD28GVRD GEODETIC DATUM.
- PROPERTY LINE DIMENSIONS ARE BASED ON LAND TITLE OFFICE RECORDS AND LEGAL FIELD SURVEYS.
- ALL TREES AND STUMPS HAVE BEEN PLOTTED AS REQUIRED BY CITY OF RICHMOND BYLAW No.8057
- BUILDING MEASUREMENTS ARE TAKEN TO OUTSIDE OF WALLS.

ADDED BUILDING ENVELOPE: AUG 01, 2017
DATE OF SURVEY: JUNE 20, 2017

SEALING AREA
WILLIAM P. WONG
BC LAND SURVEYOR (#697)
"THIS DOCUMENT IS NOT VALID UNLESS ORIGINALLY SIGNED AND SEALED."

PLN - 78

MATSON PECK & TOPLISS
SURVEYORS & ENGINEERS
#320 - 11120 HORSESHOE WAY
RICHMOND, B.C., V7A 5H7
PH: 604-270-9331
FAX: 604-270-4137
CADFILE: 18489-001-TPG-001.DWG

R-17-18489-TPG

CLIENT REF: NEW VILLA HOLDINGS LTD.



RZ 17-784468

Attachment 3

Address: 10460 Williams Road

Applicant: Raj Dhaliwal

Planning Area(s): Shellmont

	Existing	Proposed
Owner:	Balraj Singh Dhaliwal	To be determined
Site Size (m²):	803.8 m ²	Two lots, each 401.9 m ²
Land Uses:	One single-family dwelling	Two single-family dwellings
OCP Designation:	Neighbourhood Residential	No change
702 Policy Designation:	Compact Single Detached (RC2)	No change
Zoning:	Single Detached (RS1/E)	Compact Single Detached (RC2)
Other Designations:	Arterial Road Compact Single Detached	No change

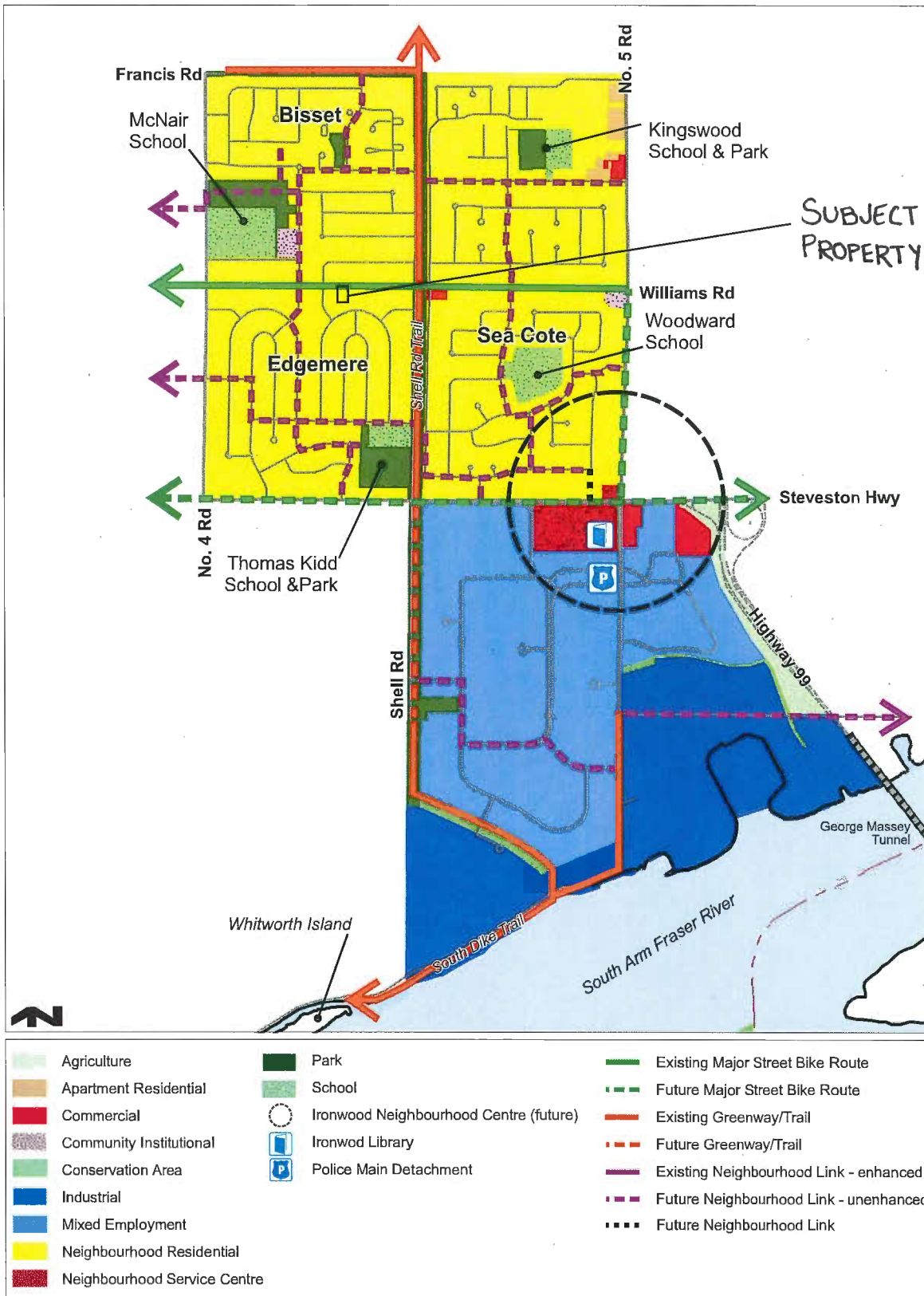
On Future Subdivided Lots	Bylaw Requirement	Proposed	Variance
Floor Area Ratio:	Max. 0.60 for lot area up to 464.5 m ² plus 0.3 for area in excess of 464.5 m ²	Max. 0.60 for lot area up to 464.5 m ² plus 0.3 for area in excess of 464.5 m ²	none permitted
Buildable Floor Area (m ²):*	Max. 241.1 m ² (2,595.6 ft ²)	Max. 241.1 m ² (2,595.6 ft ²)	none permitted
Lot Coverage (% of lot area):	Building: Max. 50% Non-porous Surfaces: Max. 70% Landscaping: Min. 20%	Building: Max. 50% Non-porous Surfaces: Max. 70% Landscaping: Min. 20%	none
Lot Size:	Min. 270.0 m ²	401.9 m ²	none
Lot Dimensions (m):	Width: Min. 9.0 m Depth: Min. 24.0 m	Width: 12.23 m Depth: 32.89 m	none
Setbacks (m):	Front: Min. 6.0 m Rear: Min. 6.0 m Side: Min. 1.2 m	Front: Min. 6.0 m Rear: Min. 6.0 m Side: Min. 1.2 m	none
Height (m):	Max. 9.0 m	Max. 9.0 m	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.



8. Shellmont



**City of Richmond****Policy Manual**

Page 1 of 2

Adopted by Council: December 17, 1990
Amended by Council: December 18, 2006**POLICY 5443**

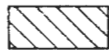
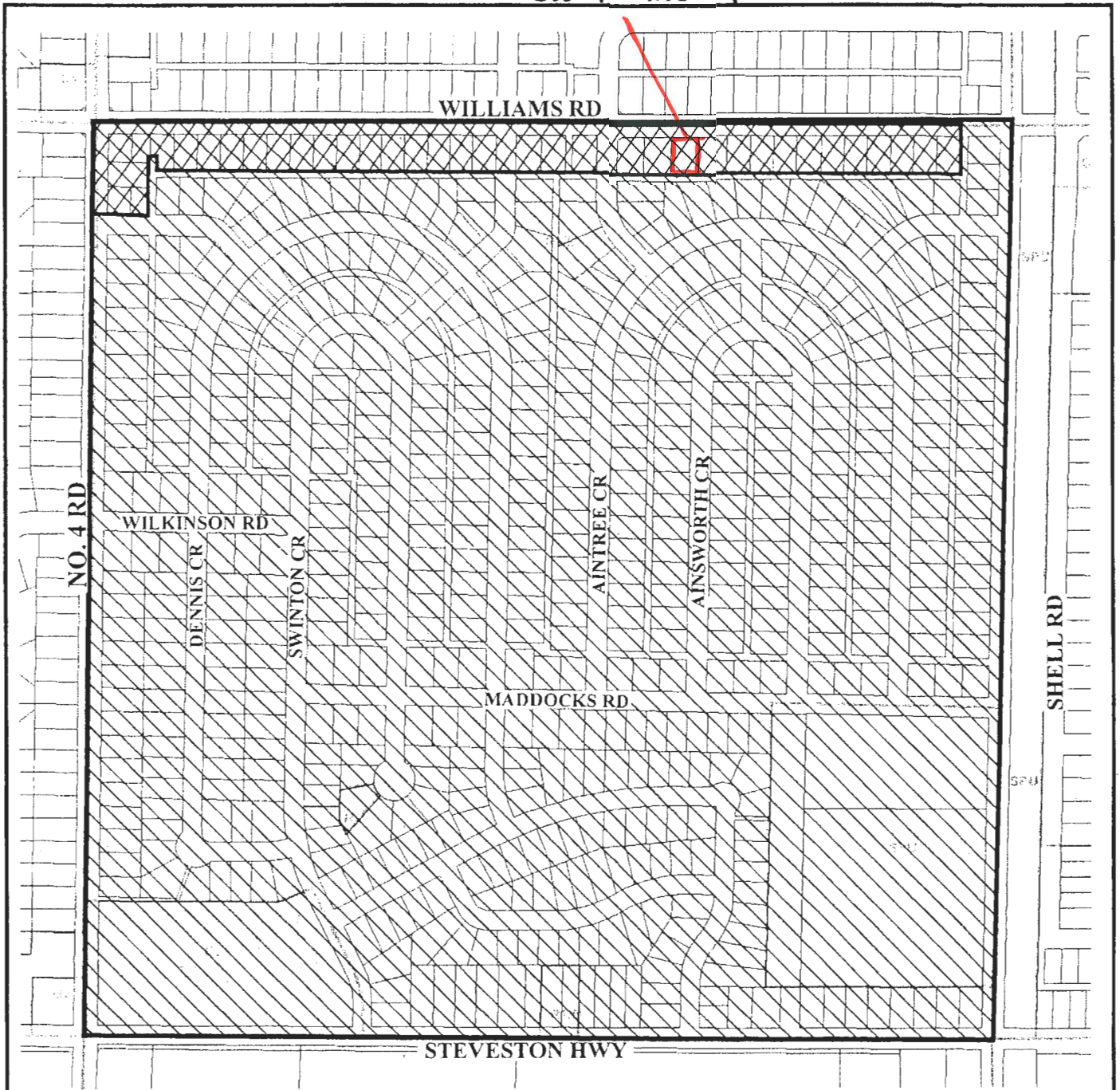
File Ref: 4045-00

SINGLE-FAMILY LOT SIZE POLICY IN QUARTER-SECTION 35-4-6**POLICY 5443:**

The following policy establishes lot sizes in Section 35-4-6 located in the area bounded by **Steveston Highway, Shell Road, No. 4 Road and Williams Road**:

1. That properties within the area bounded by Steveston Highway, Shell Road, No. 4 Road and Williams Road, in Section 35-4-6, be permitted to subdivide in accordance with the provisions of Single-Family Housing District, Subdivision Area E (R1/E) as per Zoning and Development Bylaw 5300, with the exception that:
 - a) Properties fronting on Williams Road from No. 4 Road to Shell Road and properties fronting on No. 4 Road from Williams Road to Dennis Place, be permitted to subdivide in accordance with the provisions of Single-Family Housing District (R1-0.6) or Coach House District (R9) provided that vehicle accesses are to the existing rear laneway only.
2. This policy, as shown on the accompanying plan, is to be used to determine the disposition of future rezoning applications in this area, for a period of not less than five years, except as per the amending procedures contained in the Zoning and Development Bylaw 5300.

SUBJECT PROPERTY



Subdivision permitted as per **R1/E**.



Subdivision permitted as per R1-0.6 or R9 provided that access is to a constructed lane and not to the arterial road.



Policy 5443
Section 35, 4-6

Adopted Date: 12/17/90

Amended Date: 12/18/06



Address: 10460 Williams Road

File No.: RZ 17-784468

Prior to final adoption of Richmond Zoning Bylaw 8500, Amendment Bylaw 9789, the developer is required to complete the following:

1. Submission of a Landscape Plan, prepared by a Registered Landscape Architect, to the satisfaction of the Director of Development, and deposit of a Landscaping Security based on 100% of the cost estimate provided by the Landscape Architect, including installation costs. The Landscape Plan should:

- Comply with the guidelines of the OCP’s Arterial Road Policy and should not include hedges along the front property line.
- Include a mix of coniferous and deciduous trees.
- Include the dimensions of tree protection fencing as illustrated on the Tree Retention Plan attached to this report.
- Include the six required replacement trees with the following minimum sizes:

No. of Replacement Trees	Minimum Caliper of Deciduous Tree	Minimum Height of Coniferous Tree
4	11 cm	6 m
2	10 cm	5.5 m

2. City acceptance of the developer’s offer to voluntarily contribute \$9,000 to the City’s Tree Compensation Fund for the planting of replacement trees within the City.
3. 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.
4. Submission of a Tree Survival Security to the City in the amount of \$5,600 for the three City-owned trees to be retained.
5. Registration of a flood indemnity covenant on Title.
6. Registration of a legal agreement on Title to ensure that no final Building Permit inspection is granted until a secondary suite is constructed on each of the two future lots, to the satisfaction of the City in accordance with the BC Building Code and the City’s Zoning Bylaw.

Prior to a Demolition Permit* Issuance, the developer must complete the following requirements:

1. Installation of appropriate tree protection fencing around all trees to be retained as part of the development prior to any construction activities, including building demolition, occurring on-site.

Prior to Building Permit* Issuance, the developer must complete the following requirements:

1. Submission of a Construction Parking and Traffic Management Plan to the Transportation Department. Management Plan shall include location for parking for 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.
2. 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.

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

1. Enter into a Servicing Agreement* for the design and construction of engineering infrastructure improvements. Works include, but may not be limited to, the following:

Water Works:

- Using the OCP Model, there is 544.0 L/s of water available at a 20 psi residual at the Williams Road 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 onsite 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:
 - Install 2 new water service connections to serve the proposed development, complete with meters and meter boxes.
 - Cut and cap, at main, the existing water service connection serving the development site.

Storm Sewer Works:

- The Developer is required to:
 - Video inspect the existing storm service connections and inspection chambers to confirm condition and adequate capacity to serve the proposed development per City specifications. If a connection is acceptable to the City, that connection may be retained. If a connection is not acceptable to the City, the service connection and inspection chamber shall be replaced by the City at the Developer's cost, as described below.
 - If the storm connection(s) are in a condition to be reused, provide minimum 2.0 m (N-S) x 1.5 m (E-W) right-of-way(s) centered on the existing inspection chamber(s) to be retained that are located within the development site.
- At Developer's cost, the City is to:
 - If one or more storm connection is not in a condition to be reused, replace that connection with a new service connection and inspection chamber. Reconnect service to 10440 Williams Road.

Sanitary Sewer Works:

- The Developer is required to:
 - Not start on-site excavation or foundation construction prior to completion of rear yard sanitary works by City crews.
- At Developer's cost, the City is to:
 - Cut and cap, at inspection chamber, the existing sanitary service connection at the southeast property line.
 - Install a new sanitary service connection complete with inspection chamber and dual service laterals at the adjoining property line of the newly subdivided lots.

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 onsite.
 - Pay at the subdivision stage, in keeping with Schedule 4 to the Cost Recovery Bylaw No. 8752, the amount of \$28,547.63 for rear lane improvements constructed during a City capital works project in 2012.

General Items:

- 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.

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

Date



Richmond Zoning Bylaw 8500
Amendment Bylaw 9789 (RZ 17-784468)
10460 Williams Road

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 "COMPACT SINGLE DETACHED (RC2)".

P.I.D. 003-590-704
Lot 19 Block 12 Section 35 Block 4 North Range 6 West New Westminster District
Plan 18551

- 2. This Bylaw may be cited as "Richmond Zoning Bylaw 8500, Amendment Bylaw 9789".

FIRST READING

A PUBLIC HEARING WAS HELD ON

SECOND READING

THIRD READING

OTHER CONDITIONS SATISFIED

ADOPTED

Series of horizontal lines for recording dates and conditions.

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

MAYOR

CORPORATE OFFICER