



To: Mayor and Councillors
From: Wayne Craig,
Director of Development
Date: April 6, 2017
File: RZ 16-743741
Re: Application by Zhao XD Architect Ltd. for Rezoning at 7000, 7002, 7020 Williams Road & 10060 Gilbert Road

Background

This memorandum provides Mayor and Councillors with an update on the above-noted rezoning application for a 15-unit townhouse development as directed by Planning Committee at the April 4, 2017 meeting. The Committee directed staff to enter into discussions with the applicant, Zhao XD Architect Ltd., to determine if there was an ability to provide one or more secondary suites as part of the proposed development.

Staff had focused discussions with the applicant regarding the provision of secondary suite units within the development. An agreement has been reached whereby the developer would be willing to provide two (2) secondary suites.

Revised Proposal

The applicant has revised the site and architectural plans to accommodate two secondary suites as shown in Attachment 1. The proposed suite in unit J is approximately 29 m² (312 ft²), while the proposed suite in unit G is approximately 39 m² (420 ft²).

To accommodate these suites, the applicant is requesting:

- An increase in density from 0.65 FAR to 0.68 FAR to allow a development with a total floor area of 1,727 m² (18,590 ft²);
- An additional setback variance along Gilbert Road (4.5 m from property line) to allow for the required secondary suite parking. The proposed variance would move Building 5 to the west to provide a parking stall between Buildings 5 and 6; and
- Additional revisions to the landscape plans and architectural plans to be considered through the Development Permit process.

Analysis

Staff and the architect have worked to include two secondary suites within the proposed development as requested at Planning Committee, however, accommodating these suites has necessitated changes to the original plans and density considered by Planning Committee. Incorporating significant changes to a project design at this stage in the rezoning process creates a

April 6, 2017

- 2 -

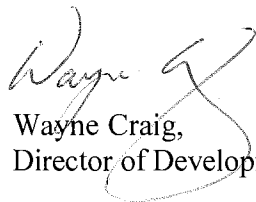
difficult situation and may lead to a compromised form of development. Should Council wish to see secondary suites included in future townhouse rezoning applications, a formal policy on this matter should be developed and adopted by Council. A formal policy would ensure that consistent direction on the inclusion of secondary suites is provided and that secondary suites and associated parking can be considered from the onset of a project's design. Adoption of a policy will also make the development industry aware of the City's expectations regarding the inclusion of secondary suites in townhouse projects.

To provide two secondary suites in this development, the applicant proposes to rezone the site to the "Medium Density Townhouse Development (RTM3)" zone, which allows up to 0.70 FAR instead of the "Medium Density Townhouse (RTM2)" zone, which only allows up to 0.65 FAR. To accommodate the proposed changes, a new Rezoning Bylaw is provided (Bylaw No. 9713) in Attachment 2.

New rezoning considerations are also required for Bylaw No. 9713. The revised rezoning considerations are provided in Attachment 3 and secure the following:

- Registration of a legal agreement on Title to ensure two (2) secondary suites are constructed on the proposed future lot;
- Increased contributions to the City's public art fund and to the City's affordable housing fund in response to the additional density requested.

Should Council wish to proceed with the revised proposal that includes the two secondary suites, Bylaw No. 9713 should be introduced and given first reading. Prior to Final Adoption of Bylaw No. 9713, the developer would be required to fulfill all rezoning considerations as noted in Attachment 3.



Wayne Craig,
Director of Development

cc: Joe Erceg, General Manager, Planning and Development
Cathryn Carlile, General Manager, Community Services
Ada Chan Russell, Planner 1
Kim Somerville, Manager, Community Social Develop
Joyce Rautenberg, Affordable Housing Coordinator

Attachment 1 Revised Site and Architectural Plans
Attachment 2 Zoning Amendment Bylaw No. 9713
Attachment 3 Rezoning Considerations for Bylaw No. 9713

WC/acr

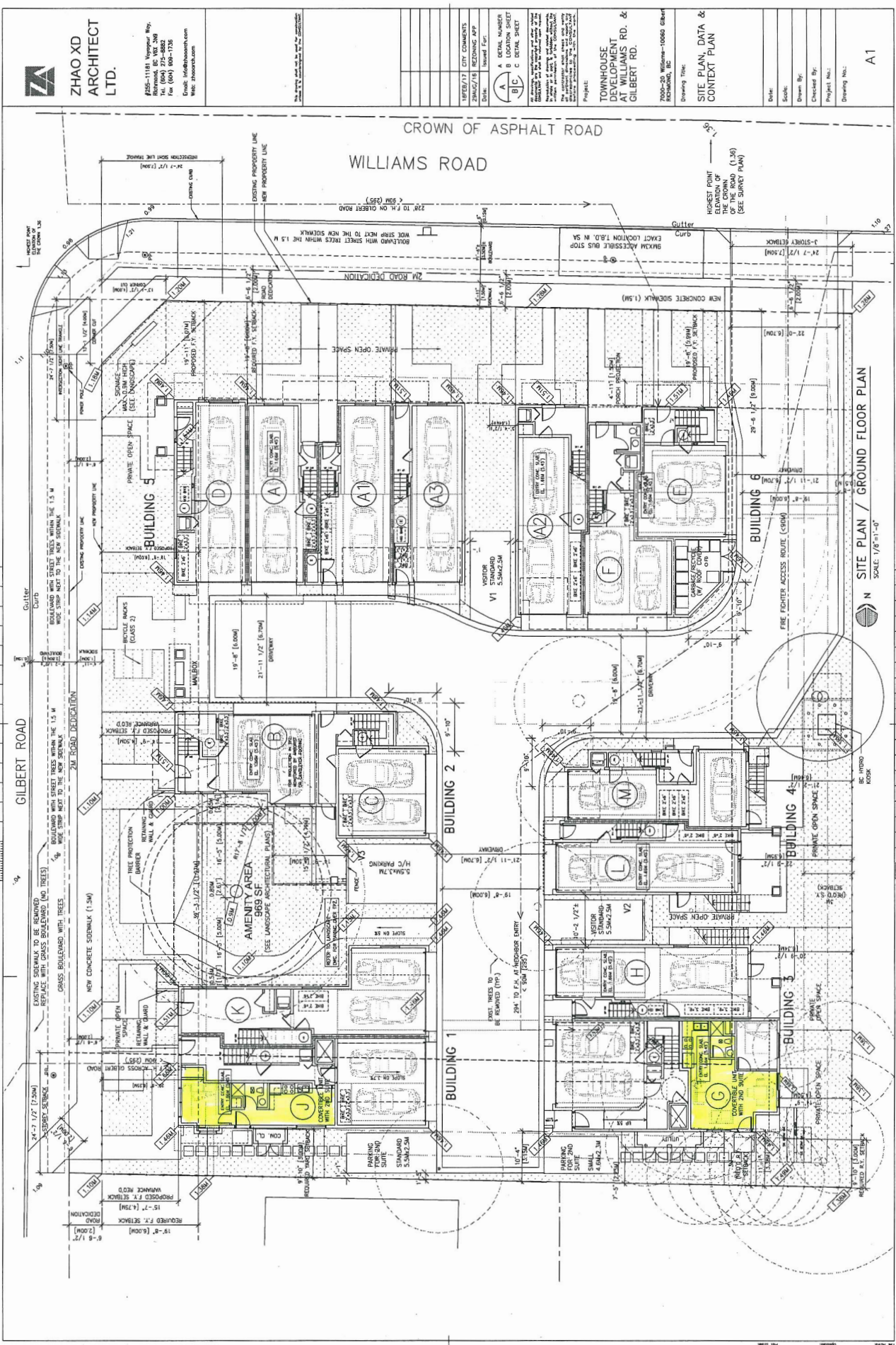


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TABLE 7.1 CITY COMMENTS

DATE	DESCRIPTION	STATUS
2024/09/18	REVISION 01	REVISED
2024/09/18	REVISION 02	REVISED

Project:
TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
7000-20 Williams-10660 Grant Richmond, BC
Drawing Title:
SITE PLAN, DATA & CONTEXT PLAN
Date: _____
Scale: _____
Drawn By: _____
Checked By: _____
Project No.: _____
Drawing No.: A1



SITE PLAN / GROUND FLOOR PLAN
SCALE: 1/8"=1'-0"

As shown, it may be subject to future rezoning etc.



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Email: info@zhaoxd.com
Web: zhaoxd.com

DATE: 2020-11-11
BY: J. ZHAO

NO.	REV.	DESCRIPTION
1	0	ISSUED FOR PERMIT
2	1	ISSUED FOR PERMIT
3	2	ISSUED FOR PERMIT
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A 1. DESIGN INTENT
B 2. LOCATION SHEET
C 3. DETAIL SHEET

PROJECT:
TOWNHOUSE
DEVELOPMENT
ALONG WILLIAMS
ROD. &
GILBERT RD.

2020-20, Williams - 10580 GREAT
RICHMOND, BC

Drawing Title:

ELEVATIONS

Date:

Scale:

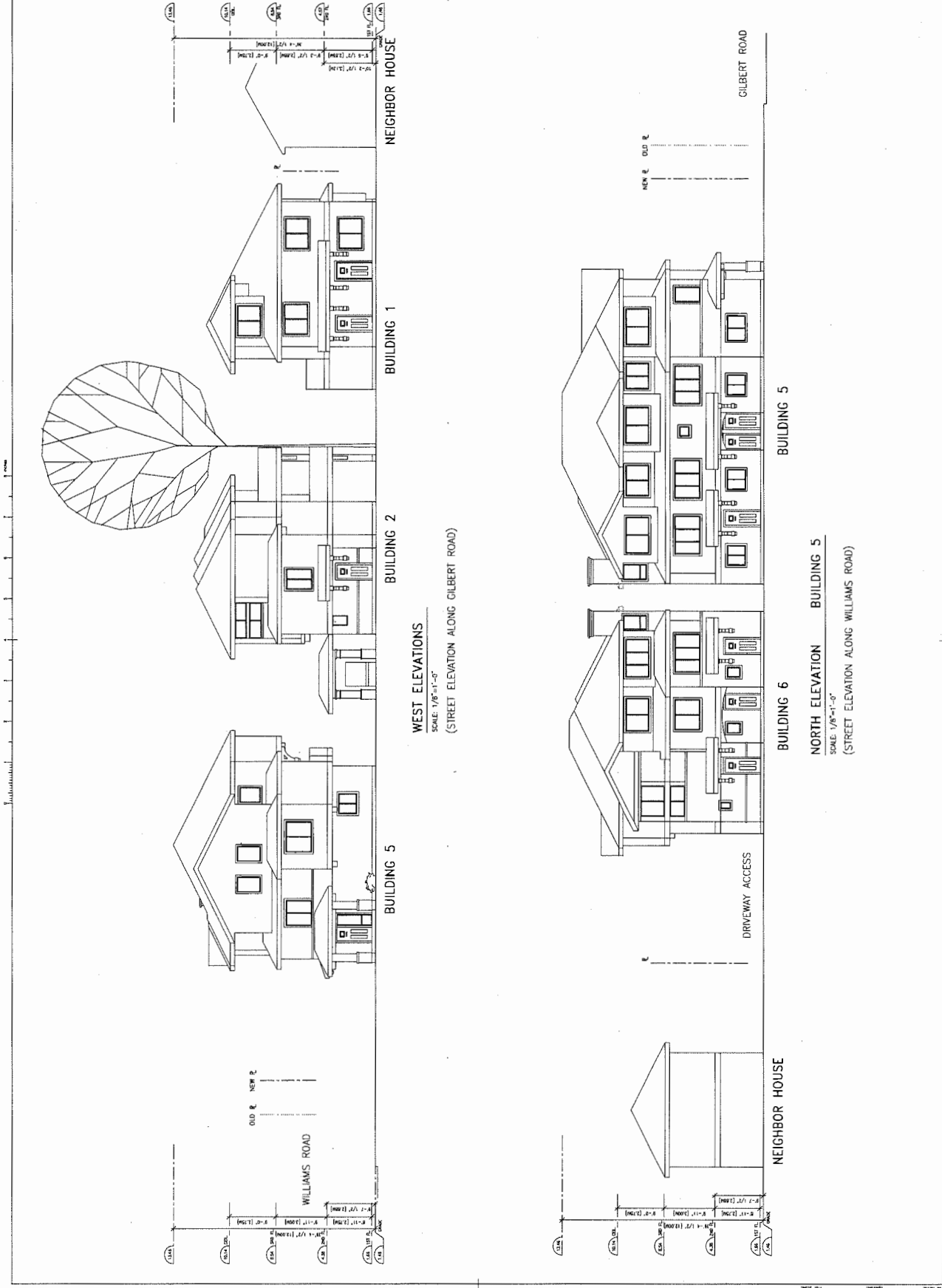
Drawn By:

Checked By:

Project No.:

Drawing No.:

A4





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DATE	PROJECT	DRAWN BY

REVISION	DATE	DESCRIPTION

DATE: 2018.07.10
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DRAWN BY: [Redacted]
CHECKED BY: [Redacted]
PROJECT NO.: [Redacted]
DRAWING NO.: A5

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DRAWING NO.: [Redacted]

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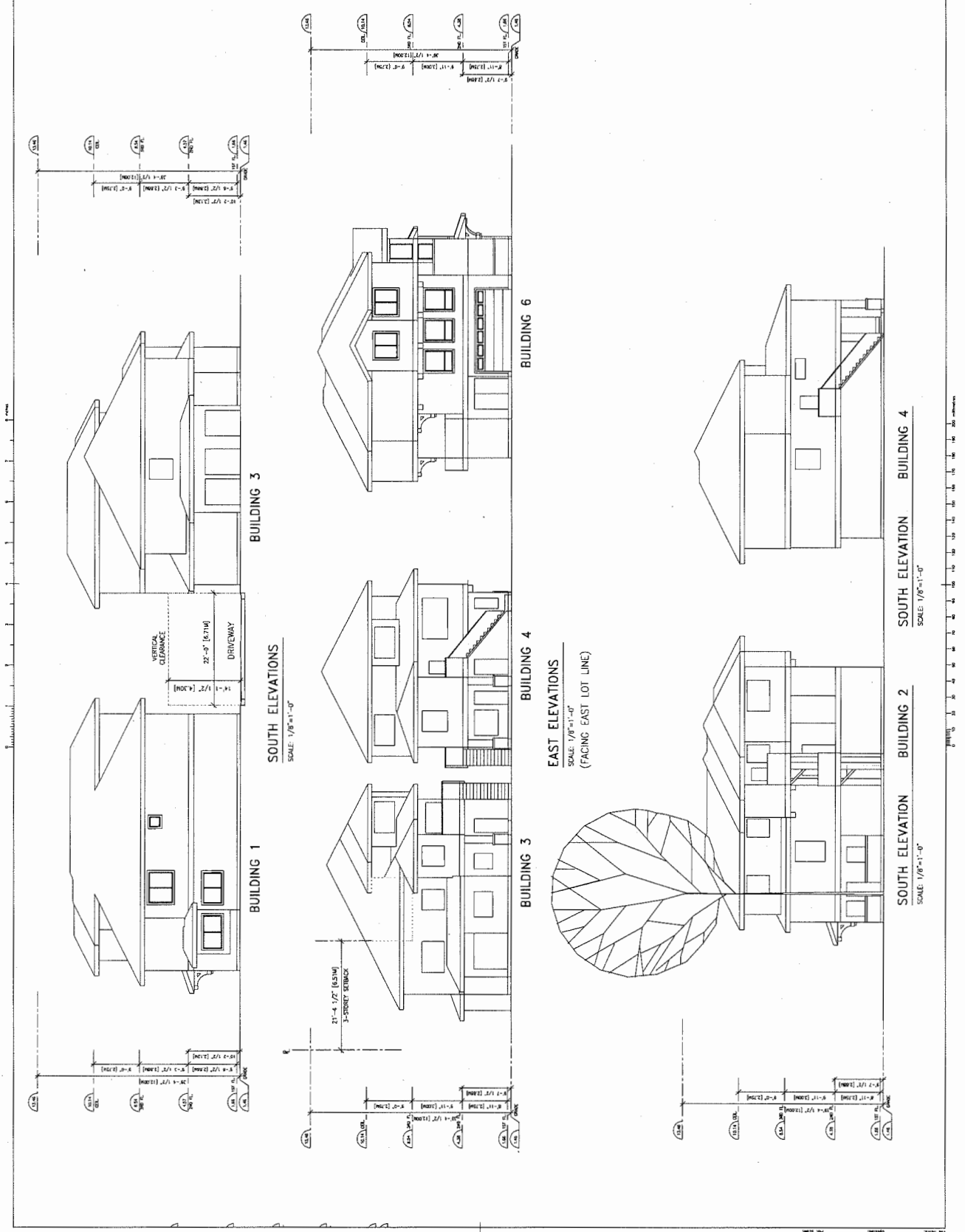
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DATE: 2018.07.10
SCALE: 1/8"=1'-0"





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DATE: 11/11/2014
TIME: 10:00 AM
PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.

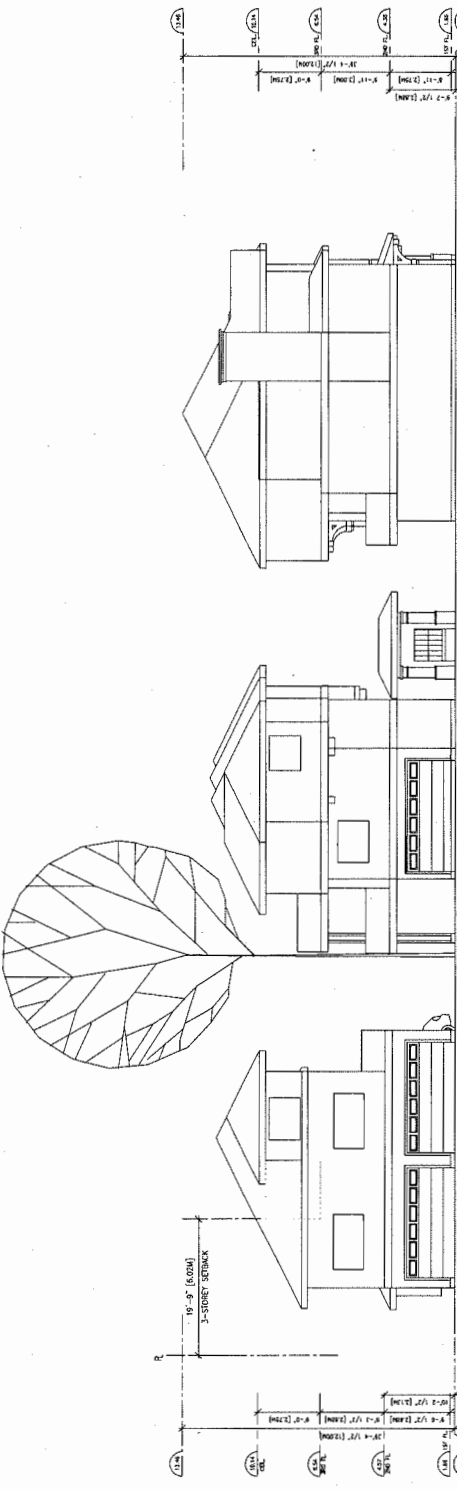
1. PREPARED BY: ZHAO XD ARCHITECT
2. CHECKED BY: ZHAO XD ARCHITECT
3. DATE: 11/11/2014

A. DETAIL NUMBER
B. SHEET NUMBER
C. TOTAL SHEETS

PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
7000-20 Williams - 10600 GIBERT RICHMOND, VA
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SCALE: _____

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CHECKED BY: _____
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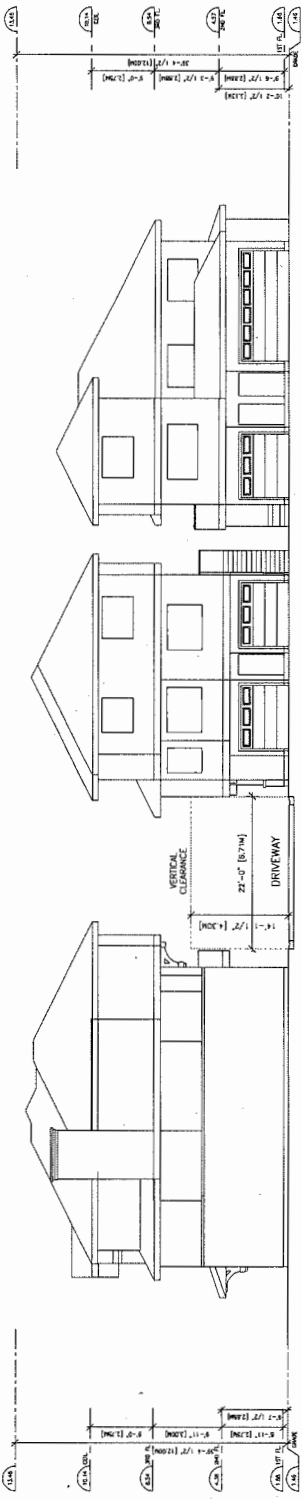


BUILDING 5

BUILDING 2

BUILDING 1

EAST ELEVATIONS
SCALE: 1/8"=1'-0"



BUILDING 3

BUILDING 4

BUILDING 6

WEST ELEVATIONS
SCALE: 1/8"=1'-0"



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DATE: 11/11/2014

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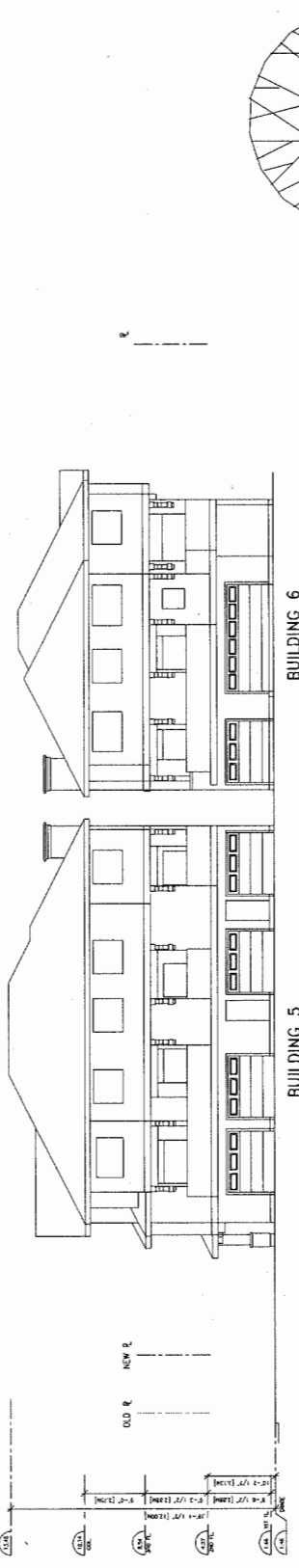
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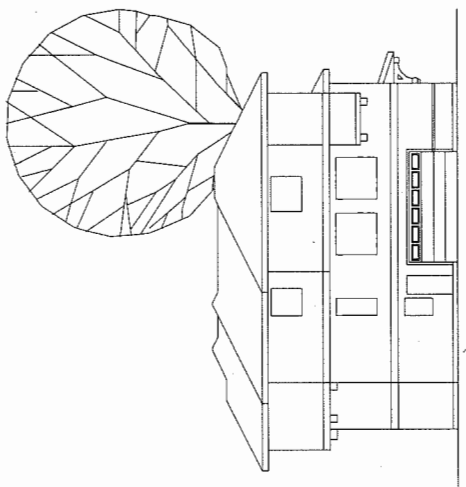
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BUILDING 6

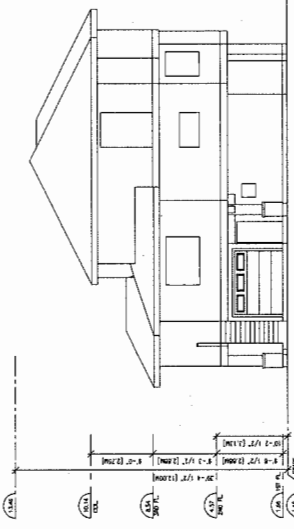
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SOUTH ELEVATION
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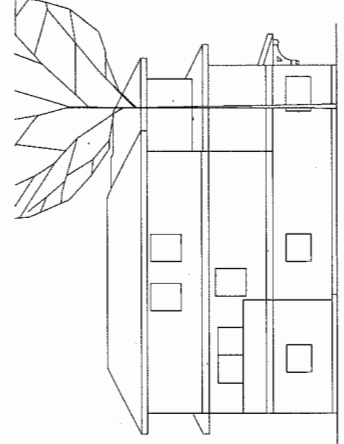
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NORTH ELEVATION
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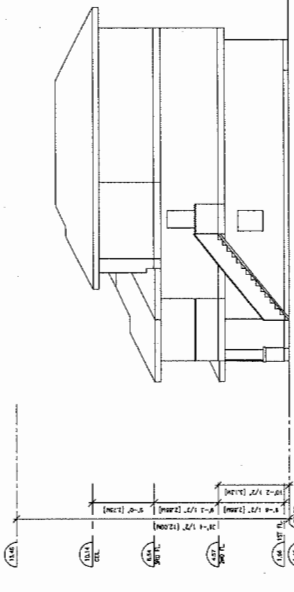
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NORTH ELEVATION
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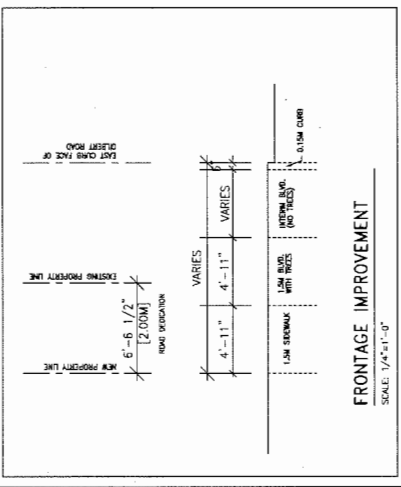
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NORTH ELEVATION
SCALE: 1/8"=1'-0"



BUILDING 3

NORTH ELEVATION
SCALE: 1/8"=1'-0"



FRONTAGE IMPROVEMENT
SCALE: 1/4"=1'-0"

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**Richmond Zoning Bylaw 8500
Amendment Bylaw 9713 (RZ 16-743741)
7000/7002/7020 Williams Road & 10060 Gilbert 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 "**MEDIUM DENSITY TOWNHOUSES (RTM3)**".

P.I.D. 004-514-572

Lot 84 Section 32 Block 4 North Range 6 West New Westminster District Plan 31625

P.I.D. 000-896-748

Lot 85 Section 32 Block 4 North Range 6 West New Westminster District Plan 31625

P.I.D. 003-986-055

Lot 87 Section 32 Block 4 North Range 6 West New Westminster District Plan 31625

2. This Bylaw may be cited as "**Richmond Zoning Bylaw 8500, Amendment Bylaw 9713**".

FIRST READING

APR 10 2017

A PUBLIC HEARING WAS HELD ON

SECOND READING

THIRD READING

OTHER CONDITIONS SATISFIED

ADOPTED

CITY OF RICHMOND
APPROVED by <i>AKR</i>
APPROVED by Director or Solicitor <i>al</i>

MAYOR

CORPORATE OFFICER



Address: 7000, 7002 and 7020 Williams Road & 10060 Gilbert Road **File No.:** RZ 16-743741

Prior to final adoption of Richmond Zoning Bylaw 8500, Amendment Bylaw 9713, the developer is required to complete the following:

1. Consolidation of all the lots into one development parcel (which will require the demolition of the existing dwellings).
2. Submission of a Landscape Plan, prepared by a Registered Landscape Architect, to the satisfaction of the Director of Development. 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; and
 - include the 18 required replacement trees with the following minimum sizes:

No. of Replacement Trees	Minimum Caliper of Deciduous Tree	or	Minimum Height of Coniferous Tree
4	11 cm		6 m
4	10 cm		5.5 m
2	9 cm		5 m
2	8 cm		4 m
6	6 cm		3.5 m

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 \$10,000.00 for the one (1) tree to be retained.
5. 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.
6. Registration of a flood indemnity covenant on title.
7. City acceptance of the developer's offer to voluntarily contribute \$0.81 per buildable square foot (e.g. \$15,057.90) to the City's public art fund.
8. Contribution of \$1,000.00 per dwelling unit (e.g. \$15,000) in-lieu of on-site indoor amenity space.
9. City acceptance of the developer's offer to voluntarily contribute \$4.00 per buildable square foot (e.g. \$74,360.00) to the City's affordable housing fund.
10. Contribution of \$25,000.00 to go towards the purchase and installation of a City standard bus shelter
11. Contribution of \$8,800.00 to go towards the purchase and installation of illuminated street name signs at the Williams Road/Gilbert Road intersection.
12. Road dedications: (i) 2.0 m wide road dedication along the entire Williams Road development frontage; (ii) 2.0 m wide road dedication along the entire Gilbert Road development frontage; and (iii) 4.0 m x 4.0 m corner cut road dedication at the northwest corner of the site.
13. Registration of a legal agreement on title prohibiting the conversion of the tandem parking area into habitable space.

14. Registration of a legal agreement on title identifying that the proposed development must be designed and constructed to meet or exceed EnerGuide 82 criteria for energy efficiency and that all dwellings are pre-ducted for solar hot water heating.
15. Registration of a Statutory Right-of-Way (SRW) Property Right-of-Passage (PROP) on title to provide legal means of public and vehicular access to future developments located south of the subject development. The SRW PROP is to cover the development driveway on Williams Road and the entire length of the north south drive aisle. At the south end of the easterly north-south aisle, no permanent structures are to be placed.
16. Registration of a legal agreement on Title to ensure that no final Building Permit inspection is granted until two (2) secondary suites are constructed on the proposed future lot, to the satisfaction of the City in accordance with the BC Building Code and the City's Zoning Bylaw.
17. Discharge of existing covenant registered on Title of the subject property (i.e., G54759), which is no longer required by the City of Richmond for services.
18. Discharge of existing covenant registered on Title of the subject property (i.e., BF353030) which restricts the use of the property to a duplex.
19. The submission of a Development Permit* completed to a level deemed acceptable by the Director of Development.

Prior to a Development Permit* being forwarded to the Development Permit Panel for consideration, the developer is required to:

1. Complete a proposed townhouse energy efficiency report and recommendations prepared by a Certified Energy Advisor which demonstrates how the proposed construction will meet or exceed the required townhouse energy efficiency standards (EnerGuide 82 or better), in compliance with the City's Official Community Plan.

Prior to a Development Permit* issuance, the developer is required to complete the following:

1. Submission of a Landscaping Security to the City of Richmond based on 100% of the cost estimates provided by the landscape architect. The security will not be released until an acceptable impact assessment report by the Certified Arborist is submitted and a landscaping inspection has been passed by city staff. The City may retain a portion of the security for a one-year maintenance period.

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. Incorporation of accessibility, CPTED and sustainability measures in Building Permit (BP) plans as determined via the Rezoning and/or Development Permit processes.
3. Enter into a Servicing Agreement* for the design and construction of servicing works and off-site improvements to the satisfaction of the Director of Engineering. Works include, but may not be limited to;

Water Works:

- a. Using the OCP Model, there is 551.0 L/s of water available at a 20 psi residual at the Williams Rd frontage. Based on your proposed development, your site requires a minimum fire flow of 220 L/s.
- b. The Developer is required to:
 - Submit Fire Underwriter Survey (FUS) or International Organization for Standardization (ISO) fire flow calculations to confirm 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.
 - Install a new water service connection, complete with meter and meter box, off of the existing 250 mm AC water main along Williams Rd.
- c. At Developer's cost, the City is to:
 - Cut and cap the three (3) existing water service connections.
 - Install a new fire hydrant at the Williams Rd frontage.

- Complete all tie-ins for the proposed works to existing City infrastructure.

Storm Sewer Works:

- d. The Developer is required to:
 - Upgrade approximately 65 m of existing 300 mm diameter storm sewer along the Williams Rd frontage to 600 mm. Upgrades are typically manhole to manhole.
 - Cut and cap the three (3) existing storm service connections, and remove inspection chambers.
 - Install a new storm service connection off of the proposed storm sewer along the Williams Rd frontage, complete with inspection chamber.
- e. At Developer's cost, the City is to:
 - Complete all tie-ins for the proposed works to existing City infrastructure.

Sanitary Sewer Works:

- f. The Developer is required to:
 - Cut, cap, and remove the existing 150 mm FRP sanitary main within the development site and along the Gilbert Road frontage, as well as all manholes, service laterals, and inspection chambers, and discharge right-of-way.
 - Install a new manhole at the southwest corner of the development site and tie-in to existing 150 mm FRP sanitary main.
 - Install a new sanitary service connection off of the proposed manhole. The manhole shall serve as an inspection chamber.
- g. At Developer's cost, the City is to:
 - Complete all tie-ins for the proposed works to existing City infrastructure.

Frontage Improvements:

- h. 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 underground overhead service lines.
 - To determine if above ground structures are required and coordinate their locations (e.g. Vista, PMT, LPT, Shaw cabinets, Telus Kiosks, etc). These shall be located onsite, as described below.
 - Locate all above ground utility cabinets and kiosks required to service the proposed development within the development site (see list below for examples). A functional plan showing conceptual locations for such infrastructure shall be included in the Rezoning staff report and the development process design review. Please coordinate with the respective private utility companies and the project's lighting and traffic signal consultants to confirm the right of ways dimensions and the locations for the aboveground structures. If a private utility company does not require an aboveground structure, that company shall confirm this via a letter to be submitted to the City. The following are examples of SRWs that shall be shown in the functional plan and registered prior to SA design approval:
 1. BC Hydro PMT – 4mW X 5m (deep)
 2. BC Hydro LPT – 3.5mW X 3.5m (deep)
 3. Street light kiosk – 1.5mW X 1.5m (deep)
 4. Traffic signal kiosk – 1mW X 1m (deep)
 5. Traffic signal UPS – 2mW X 1.5m (deep)
 6. Shaw cable kiosk – 1mW X 1m (deep) – show possible location in functional plan
 7. Telus FDH cabinet - 1.1mW X 1m (deep) – show possible location in functional plan
 - Review street lighting levels on all frontages and upgrade as required.

The Developer is required to design and construct frontage improvements along the Williams Road and Gilbert Road frontages. Works include, but may not be limited to:

- a) Williams Road frontage:
 - (1) Construct a new 1.5 m wide concrete sidewalk at the new property line and grass boulevard with street trees behind the existing curb; and
 - (2) Construct a 3.0 m wide x 9.0 m long concrete bus pad with conduit pre-ducting for electrical connection at the existing eastbound bus stop on Williams Road far-side of Gilbert Road (in accordance with TransLink's 'Universal Accessible Bus Stop Design Guidelines').
- b) Gilbert Road frontage: Construct a new 1.5 m wide concrete sidewalk at the new property line and grass boulevard with street trees behind the existing curb.
- c) Vehicle access is to be provided by a single driveway located at the eastern edge of the Williams Road development frontage. All existing driveways along the Williams Road and Gilbert Road development frontages are to be closed permanently. The Developer is responsible for the removal of the existing driveway let-downs and the replacement with barrier curb/gutter, grass/tree boulevard and concrete sidewalk per standards described in these Rezoning Considerations.
- d) The Developer is responsible for the cost of any traffic signal related works that are required as a result of conflict/impact of frontage improvements works and/or utility installations. The required traffic signal works may include: replacement of traffic signal poles and bases; replacement of vehicle detector loops; and traffic signal cabinet. The details of the traffic signal works will be defined as part of the Servicing Agreement detailed site design process.

General Items:

1. The Developer is required to:
 - Provide, within the first SA submission, a geotechnical assessment of preload and soil preparation impacts on the existing utilities fronting the development site and provide mitigation recommendations.
 - 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.
4. If applicable, payment of latecomer agreement charges associated with eligible latecomer works.
5. 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 _____

Date _____



City of Richmond

Report to Committee Planning and Development Division

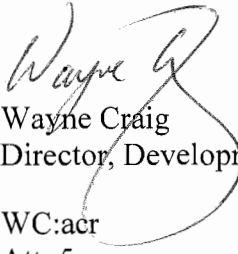
To: Planning Committee
From: Wayne Craig
Director, Development

Date: March 30, 2017
File: RZ 16-743741

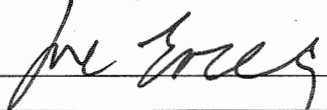
Re: Application by Zhao XD Architect Ltd. for Rezoning at 7000, 7002 and 7020 Williams Road & 10060 Gilbert Road from Two-Unit Dwellings (RD1) and Single Detached (RS1/E) to Medium Density Townhouses (RTM2)

Staff Recommendation

That Richmond Zoning Bylaw 8500, Amendment Bylaw 9688, for the rezoning of 7000, 7002 and 7020 Williams Road & 10060 Gilbert Road from “Two-Unit Dwellings (RD1)” zone and “Single Detached (RS1/E)” zone to “Medium Density Townhouses (RTM2)” zone, be introduced and given first reading.


Wayne Craig
Director, Development

WC:acr
Att. 5

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

Staff Report

Origin

Zhao XD Architect Ltd. has applied to rezone 7000, 7002 and 7020 Williams Road and 10060 Gilbert Road from “Two-Unit Dwellings (RD1)” zone and “Single Detached (RS1/E)” zone to the “Medium Density Townhouses (RTM2)” zone to develop 15 two- and three-storey townhouse units on the assembled site. A location map is provided in Attachment 1.

Project Overview

The proposed development would feature 15 townhouse units in five buildings and a 94 m² (1,010 ft²) outdoor amenity space at the westerly portion of the site. The proposed development consists of two-, three-, and four-bedroom units. Conceptual development plans provided by the applicant are shown in Attachment 2.

Findings of Fact

The proposed development site is approximately 2,500 m² after required dedications along Williams Road and Gilbert Road, and is located in the Broadmoor Area. A single detached house currently exists at 7020 Williams Road and another at 10060 Gilbert Road. A duplex currently exists at 7000 and 7002 Williams Road. All dwellings will be demolished. A Development Application Data Sheet providing details about the development proposal is in Attachment 3.

Surrounding Development

The subject property is located on the southeast corner of Williams Road and Gilbert Road and is surrounded by the following uses:

To the North: Across from Williams Road is a townhouse development zoned “Low-Density Townhouses (RTL4)”

To the South: Single detached dwellings zoned “Single Detached (RS1/E)”

To the East: Townhouse development zoned “Low-Density Townhouses (RTL1)”

To the West: Across from Gilbert Road are single detached dwellings zoned “Single Detached (RS1/E)”. Further west is a townhouse development zoned “Low-Density Townhouses (RTL1)” and the Steveston-London Secondary School.

Related Policies & Studies

Official Community Plan/Broadmoor Area Plan

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

Arterial Road Policy

The subject property is identified on the Arterial Road Development Map for Arterial Road Townhouse Development. The proposed development meets the Arterial Road Policy objectives to add densification along arterial roads (Williams Road and Gilbert Road). The site is within walkable distance of Steveston-London Secondary school (within 200 m) and is located within 600 m of the Broadmoor Shopping Centre.

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

The applicant has forwarded confirmation that a development sign has been posted on the site. Staff did not receive any written correspondence expressing concerns in association with the subject application.

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

Built Form and Architectural Character

A four-unit townhouse and a three-unit townhouse is proposed along the Williams Road frontage at the north, two duplexes are proposed along the Gilbert Road frontage at the west and two additional duplexes are proposed at the southeast corner of the site.

The proposed building elevations demonstrate variation of the roofline and provide windows and deck openings to add visual interest to the design. The units at the south end of the proposed site are two-storeys high to transition to the adjacent two-storey single family houses to the south. The units closest at the east step down to two-storeys within 7.5 m of the property line to transition to the adjacent two-storey townhouses to the east.

Main pedestrian entrances to the housing units will front onto Gilbert Road and Williams Road providing direct street access for each unit, strengthening the connection to public streets and internal roadways. The pedestrian entry for the end unit (D) of the building on the corner of Gilbert Road and Williams Road is designed to face the street on Gilbert Road. Vehicular access is provided at the northeast corner of the site from Williams Road.

Four duplexes will provide a smaller scale housing option with two of the units having at-grade access to living areas. The three-unit and four-unit townhouse clusters front onto the arterial

road (Williams Road). The massing of the three-storey townhouse units will be reduced by stepping back the top storey from the street.

Requested Variance

The proposed development is generally in compliance with the "Medium Density Townhouses (RTM2)" zone. Based on the review of the current site plan for the project, the reduction of the exterior side yard setback from 6.0 m to 4.5 m is requested for buildings 1 and 2. The Arterial Road Guidelines for Townhouses in the OCP support reduced front yard setbacks, provided that there is an appropriate interface with neighbouring properties. The exterior side yard at Gilbert Road functions as a front yard for buildings 1 and 2. The proposed rear yard setback to the adjacent townhouse site is a minimum 4.5 m at the ground floor and second floor with a minimum 7.5 m setback at the third floor. The variance will be reviewed in the context of the overall detailed design of the project at the Development Permit stage.

Existing Legal Encumbrances

An existing registered Statutory Right of Way #G54759, which was previously used for city servicing, is no longer required by the City of Richmond and must be discharged prior to rezoning approval.

An existing registered covenant # BF353030 requiring the property to be used only as a two-family dwelling must also be discharged prior to rezoning approval.

Transportation and Site Access

All four existing driveways along the Williams Road and Gilbert Road frontages are to be removed. Vehicle access to the development is to be provided by a single driveway located on Williams Road at the easterly end of the site. A concrete walkway is provided from to connect the site from the community mailbox to the sidewalk along Gilbert Road.

The applicant is required to register a Statutory Right-of-Way (SRW) Public Right-of-Passage (PROP) on title to provide legal means of public and vehicular access to future development located south of the subject development. The SRW is to be registered over the entire length of the north south drive aisle. At the south end of the easterly north-south aisle, no permanent structure is to be placed, to ensure that future access can be achieved.

Vehicle and bicycle parking proposed meet Zoning Bylaw 8500 requirements. Fourteen residential parking stalls are arranged in tandem while the remaining sixteen residential parking stalls are arranged side by side. Registration of a legal agreement on title prohibiting the conversion of the tandem parking area of each unit into habitable space is required prior to rezoning approval.

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 one tree on neighbouring properties.

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

- Four (4) trees (#2, 3, 4, 13) are in fair condition but are in conflict with the development. These trees should be removed and replaced.
- Five (5) trees (#5, 6, 7, 8, 10) are either dead, dying (sparse canopy foliage), are infected with Fungal Blight or exhibit structural defects such as cavities at the main branch union and co-dominant stems with inclusions. As a result, these trees are not good candidates for retention and should be replaced.
- One (1) Norway Maple tree (#15) located on the subject property is identified to be retained and protected. The tree is 80 cm in caliper and is in good health. The proposed outdoor amenity area was designed around retaining this Maple tree. The developer should provide tree protection as per City of Richmond Tree Protection Information Bulletin Tree-03.
- One (1) tree (#1) located on the adjacent neighbouring property to the east is identified to be retained and protected. The developer should provide tree protection as per City of Richmond Tree Protection Information Bulletin Tree-03.
- Replacement trees should be specified at 2:1 ratio as per the OCP.

Tree Replacement

The applicant is required to plant 18 trees. They propose to plant 21 trees. The size and species of replacements trees, and overall landscape design will be reviewed in detail through the Development Permit process.

Tree Protection

One (1) tree on the subject property and one (1) on the neighbouring property 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 4). A tree survival security of \$10,000 will be submitted by the applicant for the retention of the Norway Maple on site.

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 demolition of the existing dwellings 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 applicant is required to comply with the City's Affordable Housing Strategy. In accordance with the Strategy, prior to rezoning bylaw adoption, a cash contribution of \$4.00 per buildable square foot is required, or \$70,890.40 (i.e., 17,722.6 sq. ft. X \$4.00/sq. ft).

Public Art Contribution

In accordance with the Public Art Program Policy, the Developer will provide a public art contribution based on the proposed maximum developable floor area (FAR) at \$0.81/sq. ft. or \$14,355.31 (i.e., 17,722.6 sq. ft. X \$0.81/sq. ft).

For public art project contributions that are less than \$40,000, a cash contribution is to be made to the City's Public Art Reserve, for city-wide art programs preferably in the Broadmoor Area.

Townhouse Energy Efficiency and Renewable Energy

Each proposed townhouse unit will be designed and built to that it scores 82 or higher on the Energuide Rating System (ERS) and Solar Hot Water Ready will be incorporated in the building design to meet energy policy requirements. A legal agreement specifying all units are to be built and maintained to the ERS 82 or higher, and that all units are to be solar-hot-water-ready, is required prior to rezoning bylaw adoption.

Prior to the submission of a Development Permit application, the applicant is required to complete a proposed townhouse energy efficiency report and recommendations prepared by a Certified Energy Advisor which demonstrates how the proposed construction will meet or exceed the required townhouse energy efficiency standards (EnerGuide 82 or better), in compliance with the City's Official Community Plan.

Amenity Space

The proposal does not include indoor amenity space. The applicant is proposing to provide cash-in-lieu contribution in the amount of \$1,000 per unit for a total of \$15,000, consistent with the Richmond Official Community Plan.

The required outdoor amenity space area is a minimum of 6 m² per unit for a total of 90 m². The applicant proposes a total area of 94 m² for the outdoor amenity space. The outdoor amenity space is located around an existing mature Norway Maple tree. A children's play area separated by low shrubs from Gilbert Road will be provided with a children's rock climbing structure and toad stool stepping pods. A bench is located for residents to sit and observe children at play. Adjacent units also have windows that look out onto the community amenity area for natural surveillance. The landscape plan will be further refined during the Development Permit process. The applicant will provide a deposit of a Landscaping Security based on 100% of the cost estimate provided by the Landscape Architect.

Private outdoor amenity area for each unit meets the minimum requirement of 30 m² area and a minimum depth of 4.5 m. Units that front onto Williams Road or Gilbert Road have amenity areas at the front and an additional private deck facing the internal site, except for Unit J, which has a portion of the private outdoor amenity area within the side yard.

Accessible Units

As per Section 3.4 of the OCP Bylaw 9000, the City of Richmond encourages the provision of convertible units. The design of the convertible unit will be reviewed at Development Permit stage. Units G and J are convertible units that provides blocking to stair walls to accommodate elevator installation in the future. These units also have common living areas that are accessed at grade.

Further Development Permit Considerations

A Development Permit processed to a satisfactory level is a requirement of zoning approval. Through the Development Permit, the following issues are to be further examined:

- Demonstrate compliance with Development Permit Guidelines for multiple-family projects in the 2041 Official Community Plan Bylaw 9000 and the Broadmoor Area Plan.
- Refine the character and form of rooflines, and interplay of materials of building elevations to create an interesting streetscape along Williams Road and Gilbert Road.
- Review size and species of replacement trees to ensure bylaw compliance and to achieve a mix of conifer and deciduous trees on site and along both frontages.
- Refinement of the outdoor amenity area design including the choice of play equipment.
- Review of a sustainability strategy for the development proposal including measures to achieve an EnerGuide Rating System (ERS) score of 82.
- Review information for tree retention and pruning of the Norway Maple from the project arborist.

Additional issues may be identified as part of the Development Permit application review process.

Site Servicing and Frontage Improvements

Prior to final adoption of the rezoning bylaw, the developer is required to provide a 2.0 m wide road dedication across the entire Williams Road frontage and a 2.0 m wide road dedication across the entire Gilbert Road frontage; including a 4m x 4m corner cut at the northwest corner of the site.

Then, prior to issuance of the Building Permit, the applicant is required to enter into the City's standard Servicing Agreement to design and construct frontage beautification along the Williams Road and Gilbert Road frontages, as well as storm upgrades as described in Attachment 5. The developer is also required to pay DCC's (City & GVS & DD), Address Assignment Fee, and other required fees.

Other Improvements

The applicant agrees to construct a 3 x 9 m concrete bus pad at the existing eastbound bus stop of Williams Road far-side of Gilbert Road. The bus pad works is to include conduit pre-ducting for electrical connections and is to be constructed in accordance with TransLink's 'Universal Accessible Bus Stop Design Guidelines'. The location of the bus pad will be determined as part of the Servicing Agreement process.

The applicant also agrees to provide a \$25,000 cash contribution towards the purchase and installation of a City standard bus shelter and an \$8,800 cash contribution towards the purchase and installation of illuminated street name signs for the Gilbert Road/Williams Road intersection.

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).

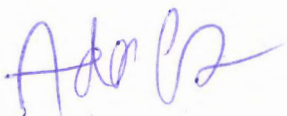
Conclusion

The purpose of this rezoning application is to rezone the property at 7000, 7002 and 7020 Williams Road and 10060 Gilbert Road from the "Two-Unit Dwellings (RD1)" zone and the "Single Detached (RS1/E)" zone to the "Medium Density Townhouses (RTM2)" zone, to permit the development of townhouses.

The rezoning application complies with the land use designation and applicable policies contained within the OCP and Broadmoor Area Plan for the subject site.

The list of rezoning considerations is included in Attachment 6; which has been agreed to by the applicant (signed concurrence on file).

Based on the submitted information, staff recommend that Richmond Zoning Bylaw 8500, Amendment Bylaw 9688 be introduced and given first reading.



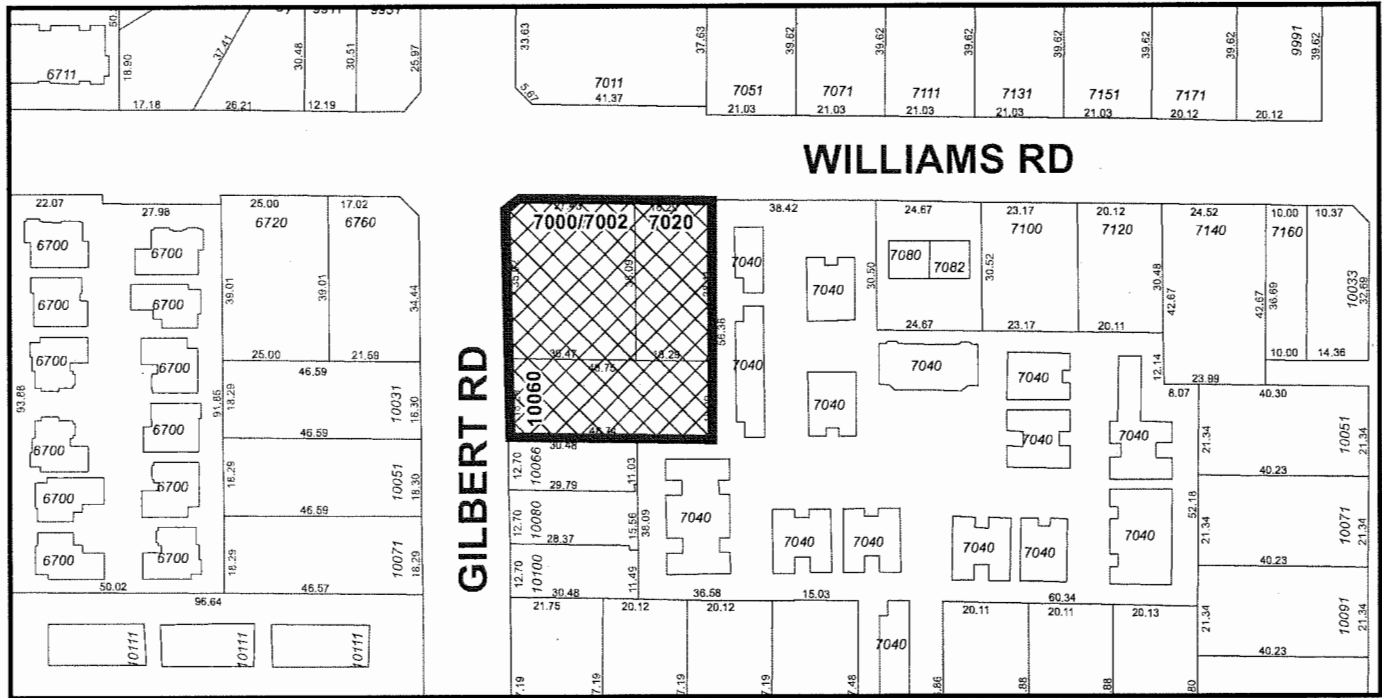
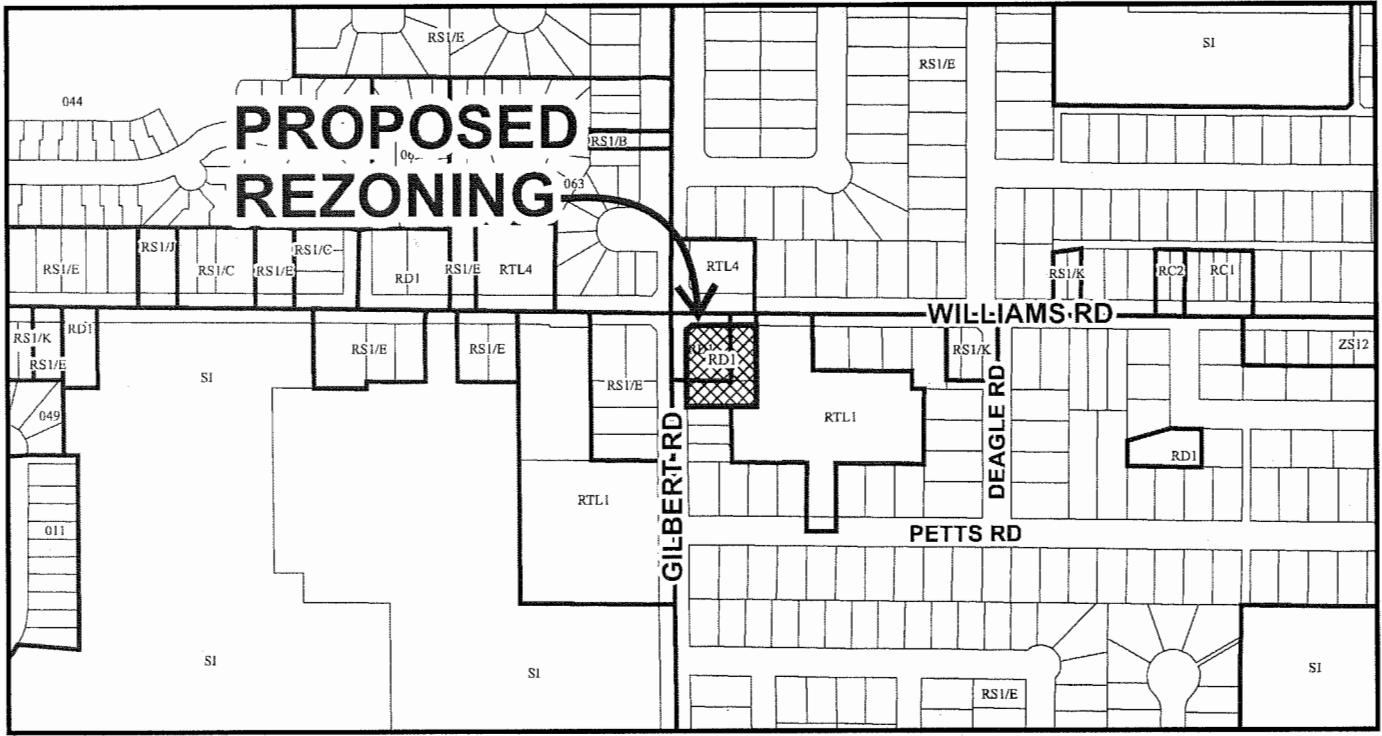
Ada Chan Russell
Planner 1

ACR:cas

- Attachment 1: Location Map
- Attachment 2: Conceptual Development Plans
- Attachment 3: Development Application Data Sheet
- Attachment 4: Tree Protection Plan
- Attachment 5: Rezoning Considerations



City of Richmond



RZ 16-743741

Original Date: 09/26/16

Revision Date:

Note: Dimensions are in METRES



City of
Richmond



RZ 16-743741

Original Date: 09/26/16

Revision Date:

Note: Dimensions are in METRES



**ZHAO XD
ARCHITECT
LTD.**

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Web: zhaoxd.com

THIS PLAN IS VALID FOR THE PERIOD OF 12 MONTHS FROM THE DATE OF ISSUANCE.

NO.	DATE	DESCRIPTION
1	2020-03-16	ISSUED FOR PERMIT
2	2020-03-16	ISSUED FOR PERMIT
3	2020-03-16	ISSUED FOR PERMIT
4	2020-03-16	ISSUED FOR PERMIT
5	2020-03-16	ISSUED FOR PERMIT
6	2020-03-16	ISSUED FOR PERMIT
7	2020-03-16	ISSUED FOR PERMIT
8	2020-03-16	ISSUED FOR PERMIT
9	2020-03-16	ISSUED FOR PERMIT
10	2020-03-16	ISSUED FOR PERMIT

PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.

DATE: 2020-03-16

SCALE: 1/8"=1'-0"

PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.

DATE: 2020-03-16

SCALE: 1/8"=1'-0"

PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.

DATE: 2020-03-16

SCALE: 1/8"=1'-0"

PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.

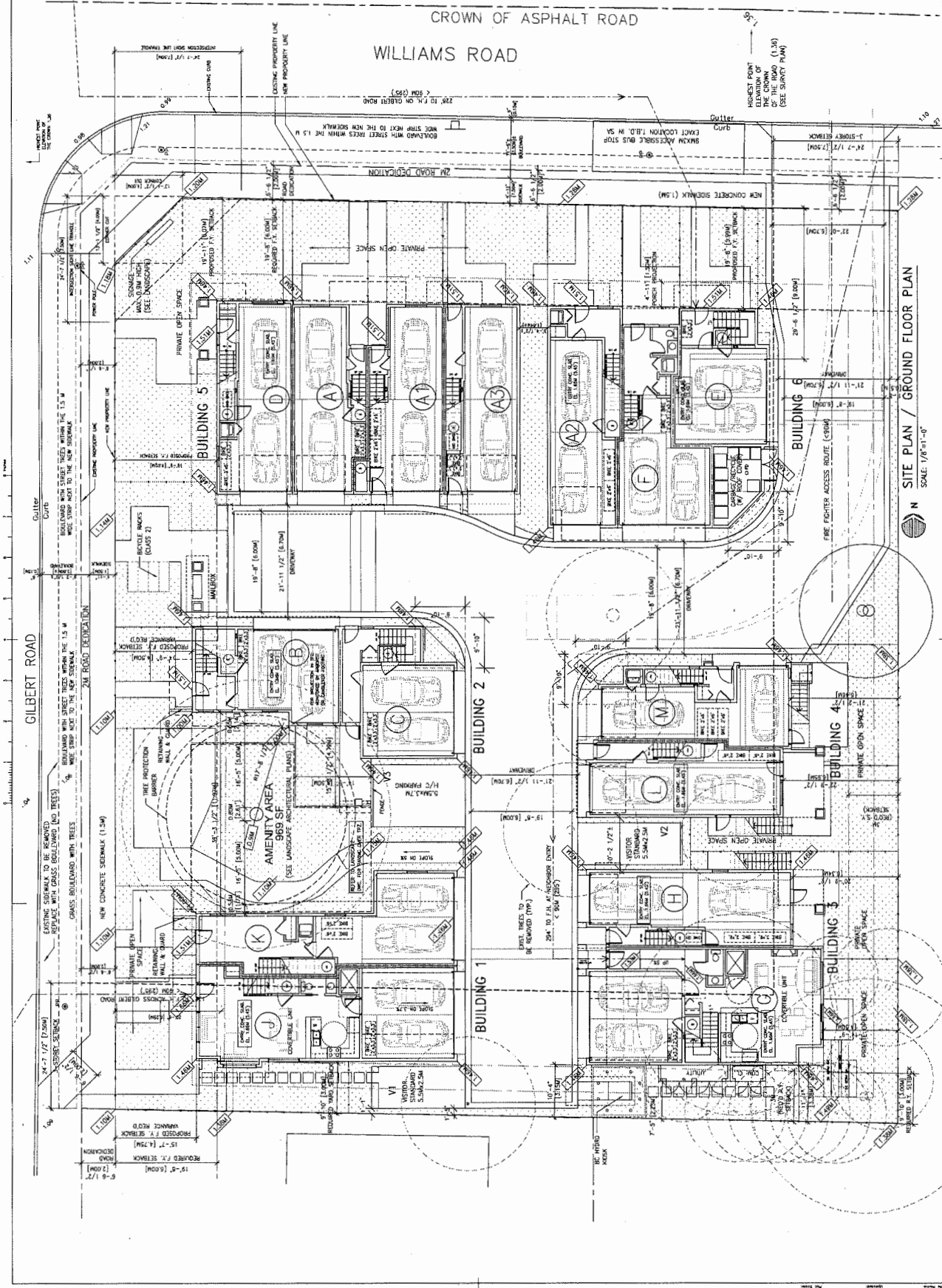
DATE: 2020-03-16

SCALE: 1/8"=1'-0"

PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.

DATE: 2020-03-16

SCALE: 1/8"=1'-0"



SITE PLAN / GROUND FLOOR PLAN
SCALE: 1/8"=1'-0"

A1



ZHAO XD ARCHITECT LTD.

250-1111 Victoria Bldg.
 4000-10th St. NW
 14. (604) 275-8882
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 Web: zhaoxd.com

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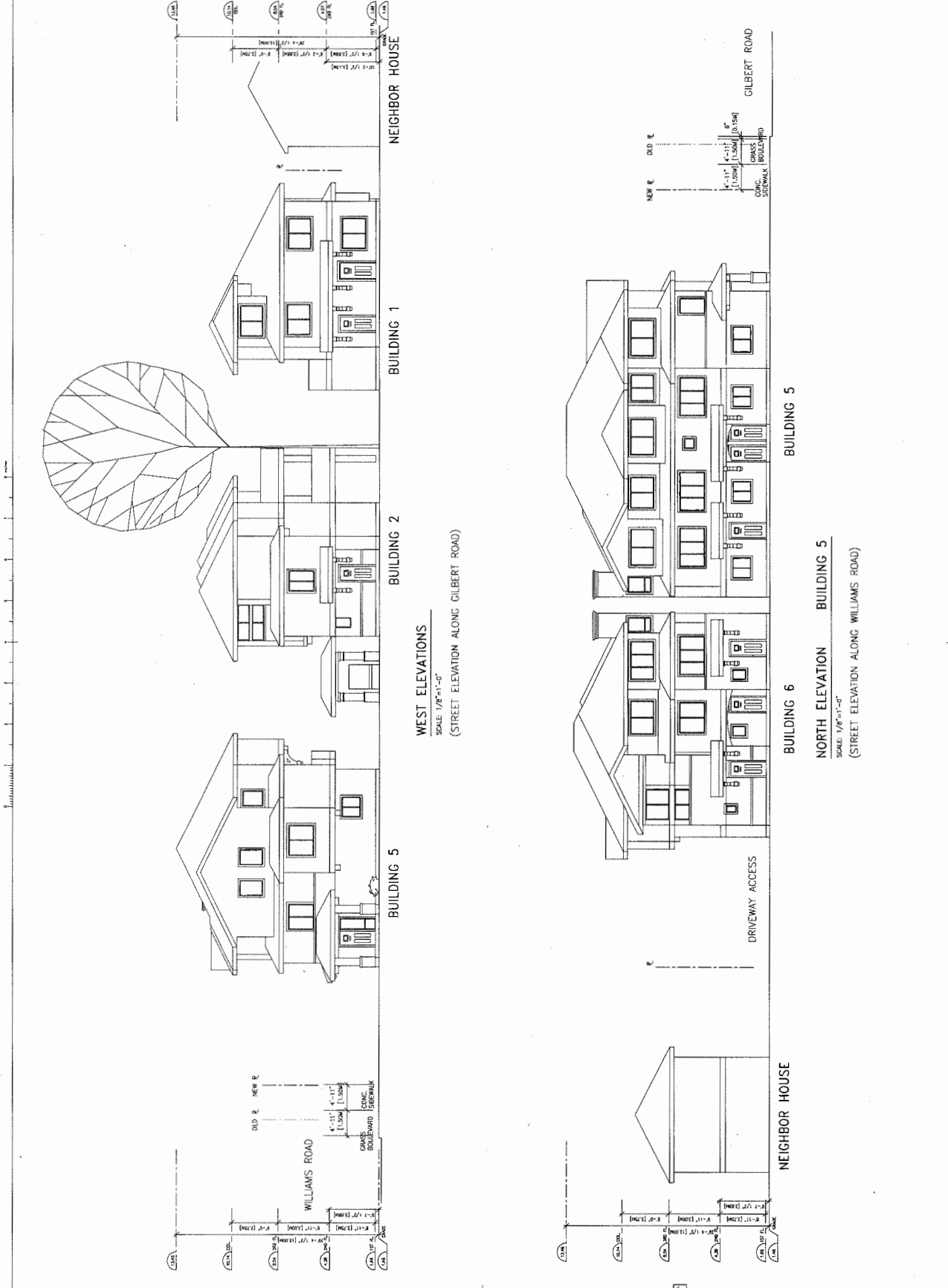
PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.

2000-20 Williams-10000 GRANT RD. REYNOLDS, BC

Drawing Title: ELEVATIONS

Date: _____
 Scale: _____
 Drawn By: _____
 Checked By: _____
 Project No.: _____
 Drawing No.: _____

A4



WEST ELEVATIONS
 SCALE: 1/8"=1'-0"
 (STREET ELEVATION ALONG GILBERT ROAD)

NORTH ELEVATION BUILDING 5
 SCALE: 1/8"=1'-0"
 (STREET ELEVATION ALONG WILLIAMS ROAD)

DATE: 11/11/11
 DRAWN BY: J. WANG
 CHECKED BY: J. WANG
 PROJECT NO.: 2011-0001
 DRAWING NO.: 11



**ZHAO XD
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 Web: zhaoxd.com

DATE: 12/14/2020

DATE	12/14/2020
DESCRIPTION	REVISIONS SHEET
BY	REVISIONS SHEET
CHECKED BY	REVISIONS SHEET
APPROVED BY	REVISIONS SHEET

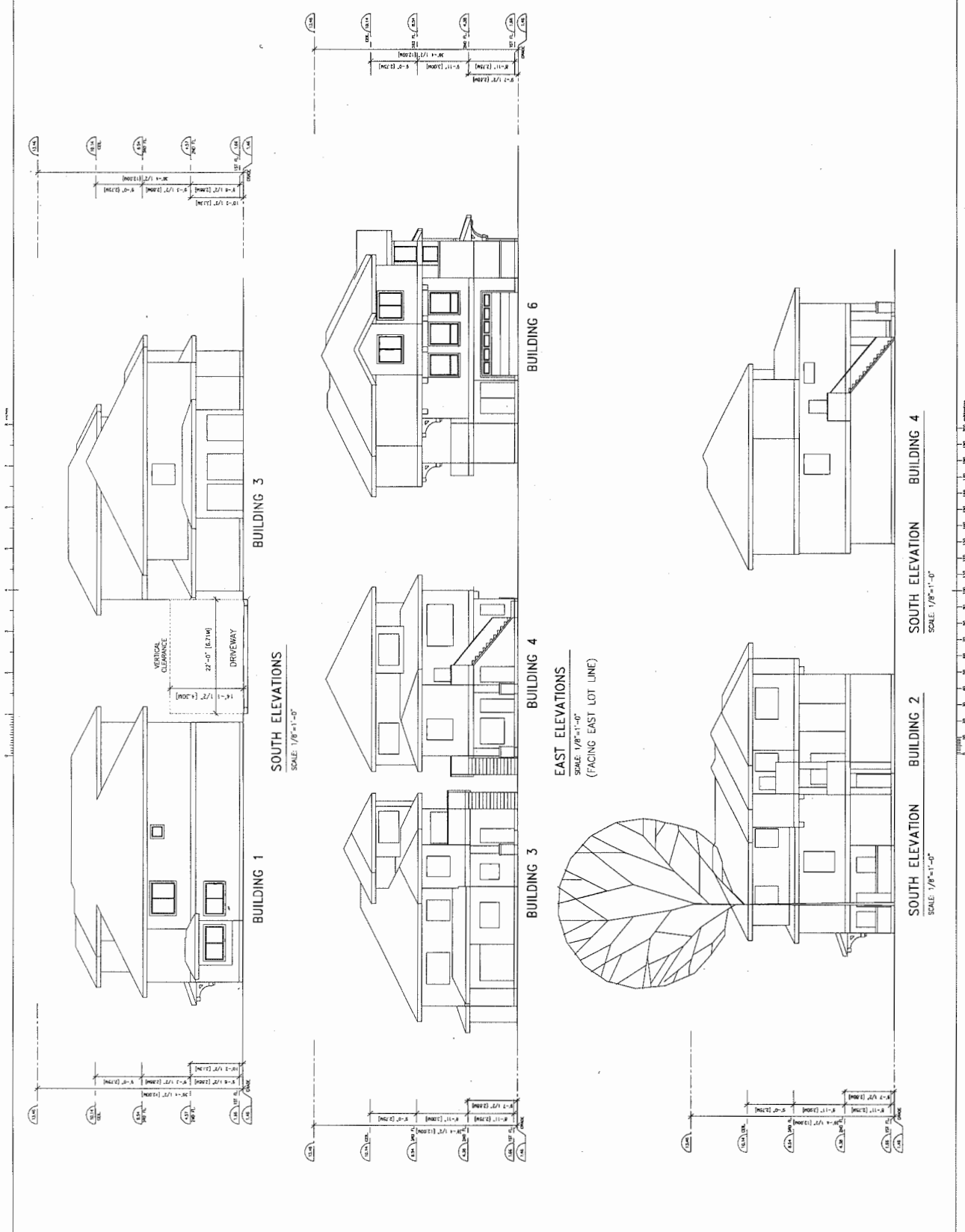
PROJECT NO. 2020-0001

PROJECT TITLE:
TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.

7000-20 Williams-10000 Clark
 Richmond, BC

DRAWING TITLE:
ELEVATIONS

DATE	
SCALE	
DRAWN BY	
CHECKED BY	
PROJECT NO.	
DRAWING NO.	A5



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**ZHAO XD
ARCHITECT
LTD.**

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Arlington, VA 22202
Tel: (804) 276-8882
Fax: (804) 598-1738
Email: info@zhaoxd.com
Web: zhaoxd.com

DATE: 08/11/11
PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
DRAWING NO.: 2000-20-01060-01040
SHEET NO.: 01040-01040

DATE	DESCRIPTION
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08/11/11	ISSUED FOR PERMIT
08/11/11	ISSUED FOR PERMIT

DATE: 08/11/11
PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
DRAWING NO.: 2000-20-01060-01040
SHEET NO.: 01040-01040

DATE: 08/11/11
PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
DRAWING NO.: 2000-20-01060-01040
SHEET NO.: 01040-01040

DATE: 08/11/11
PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
DRAWING NO.: 2000-20-01060-01040
SHEET NO.: 01040-01040

DATE: 08/11/11
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DRAWING NO.: 2000-20-01060-01040
SHEET NO.: 01040-01040

DATE: 08/11/11
PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
DRAWING NO.: 2000-20-01060-01040
SHEET NO.: 01040-01040

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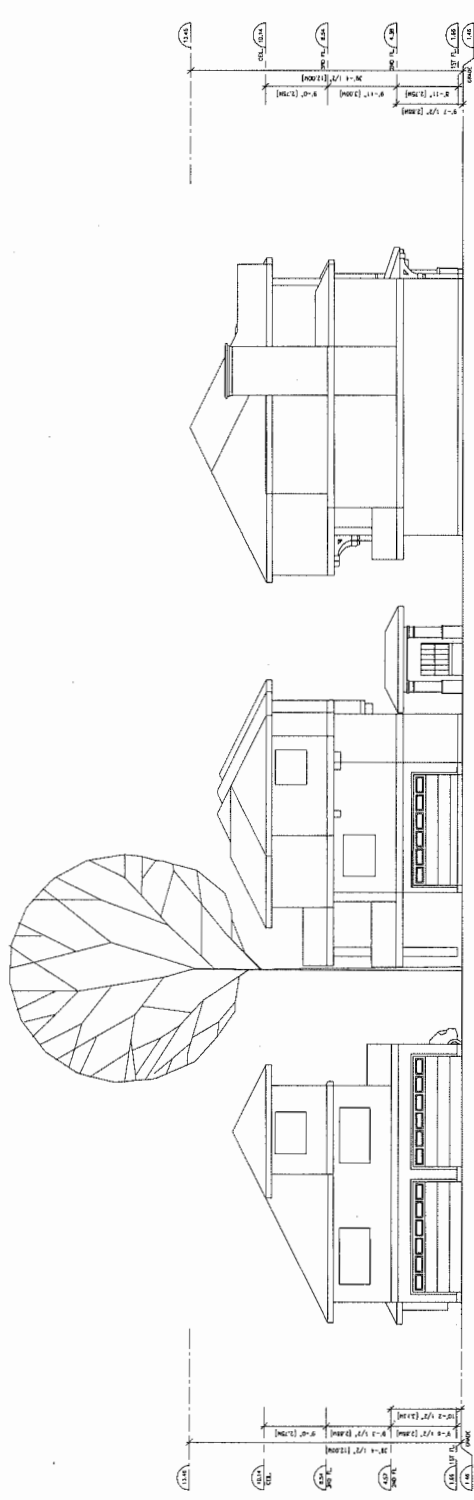
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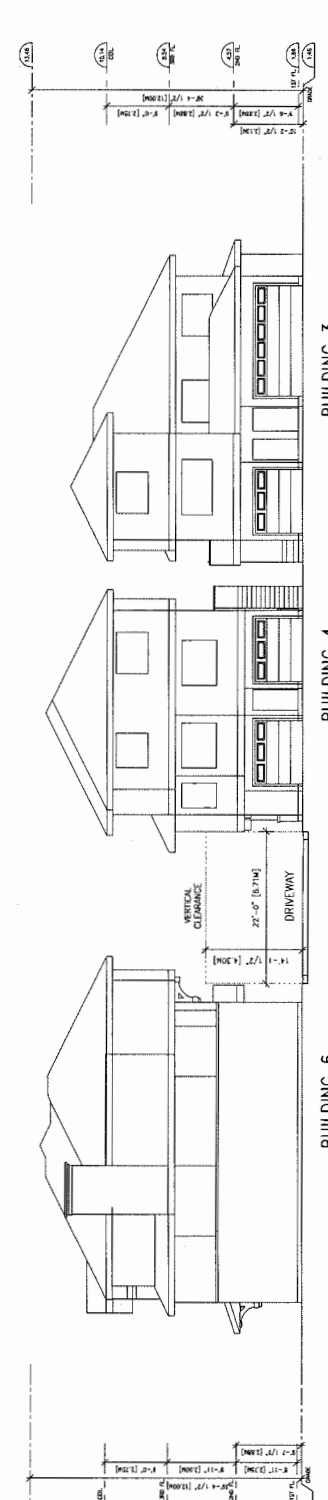


BUILDING 5

BUILDING 2

BUILDING 1

EAST ELEVATIONS
SCALE: 1/8"=1'-0"



BUILDING 3

BUILDING 4

BUILDING 6

WEST ELEVATIONS
SCALE: 1/8"=1'-0"

DATE: 08/11/11
PROJECT: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
DRAWING NO.: 2000-20-01060-01040
SHEET NO.: 01040-01040



ZHAO XD
ARCHITECT
LTD.

8255-11181 Yonge Street, Richmond Hill, ON L4B 1N7
Tel: (905) 709-8882 Fax: (905) 882-1736
Email: info@zhaoxd.com Web: zhaoxd.com

DATE: 2013.05.20
DRAWN BY: J. CHEN
CHECKED BY: J. CHEN
PROJECT NO.: 13050

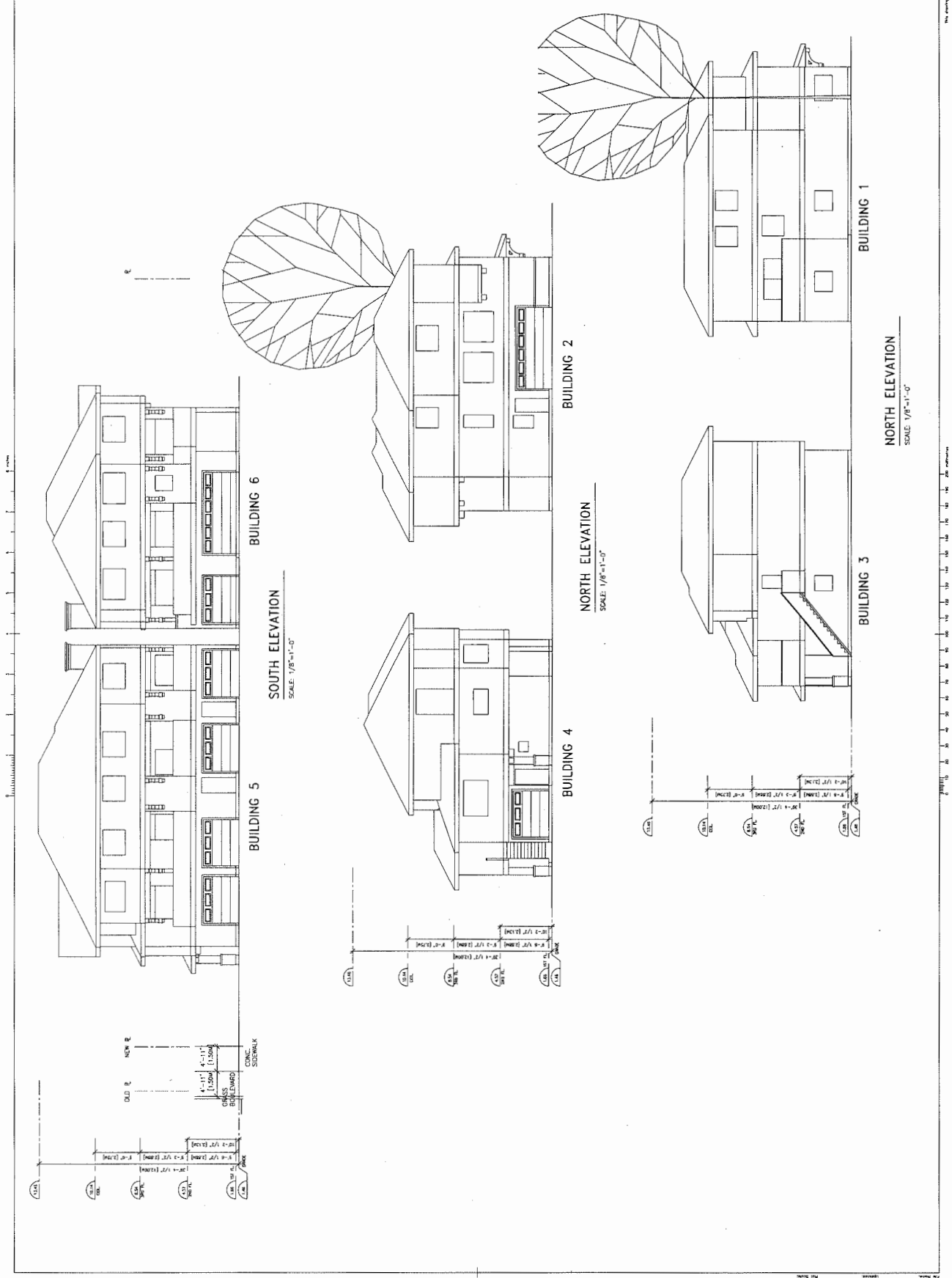
REVISION	DATE	BY	DESCRIPTION

A: DESIGN NUMBER
B: DESIGN OBJECT
C: DESIGN SHEET

Project: TOWNHOUSE DEVELOPMENT AT WILLIAMS RD. & GILBERT RD.
7000-20 Midway-10500 GIBERT RICHMOND, BC

Drawing Title: ELEVATIONS

Date: _____
Scale: _____
Drawn By: _____
Checked By: _____
Project No.: _____
Drawing No.: _____



DATE: 2013.05.20 DRAWN BY: J. CHEN CHECKED BY: J. CHEN PROJECT NO.: 13050

NO.	DATE	REVISION DESCRIPTION	BY
1	08/13/2018	ISSUED FOR PERMITS	DK
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50	08/13/2018	ISSUED FOR PERMITS	DK

CLIENT: DANIELIAN CHERN CONSTRUCTION DEVELOPMENTS LLC
PROJECT: 15 UNIT TOWNHOUSE DEVELOPMENT
7800-20 WILLIAMS ROAD RICHMOND

BY: ZHANG ARCHITECT LTD.
DRAWING TITLE: LANDSCAPE PLAN

DATE: August 13, 2018
SCALE: 3/32"=1'-0"
DRAWN: JDD
DESIGN: JDD
CHECK: PCM
PROJECT NUMBER: 16-153

L1

OF 4
16-153

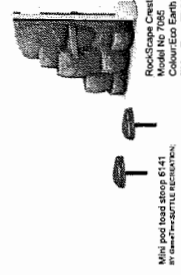
PLANT SCHEDULE	COMMON NAME	PLANT SPECIES
1	RED BANQUET WATTLE	CALLISTEMON V. RED
2	BRASS BERRILL SPURGE	BRASSIA SPURGE
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NOTE: PROVISION OF A DESIGN BUILD IRRIGATION SYSTEM TO BE PROVIDED.

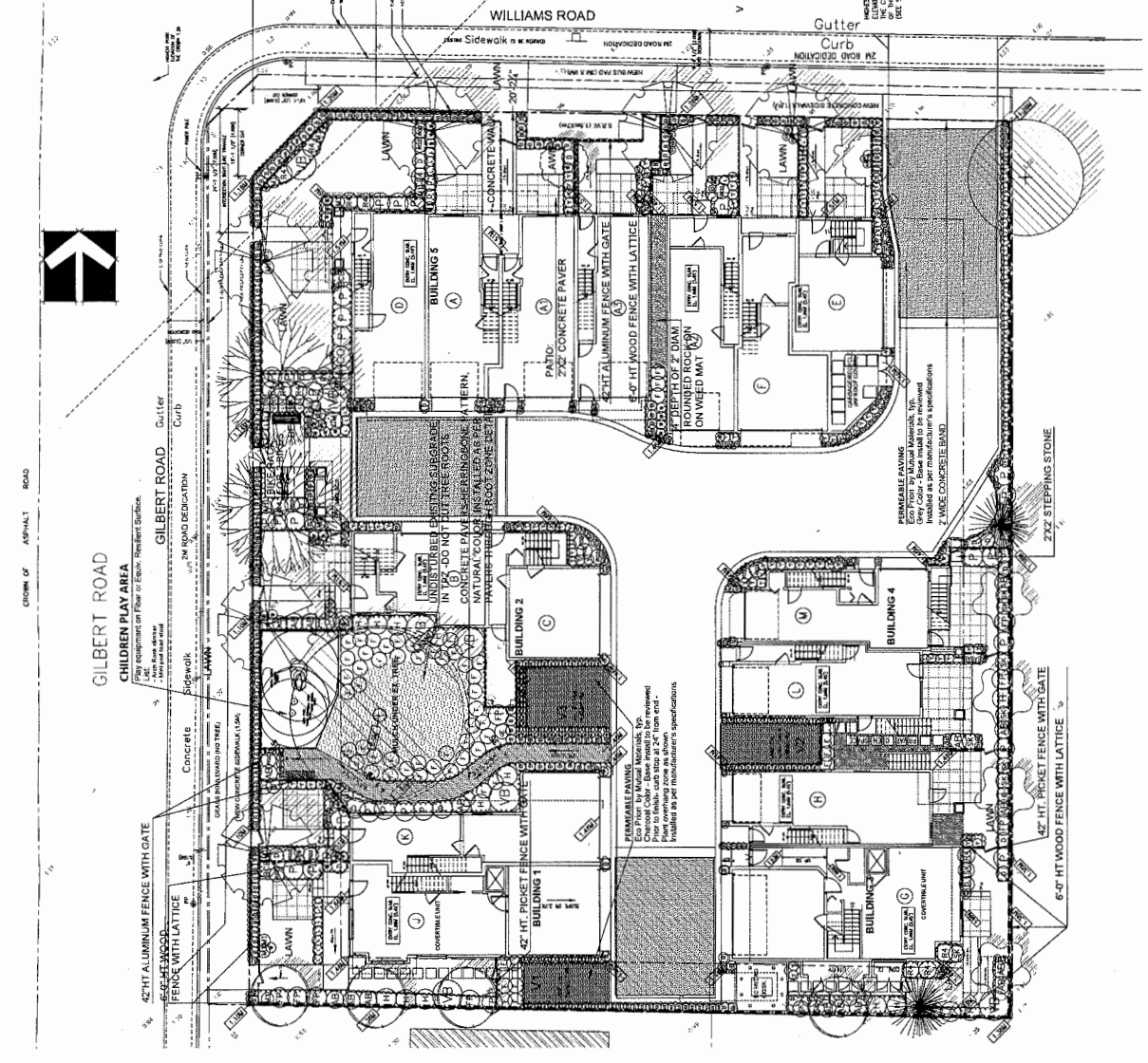


SFER-3
Surf Bike Bench Model Number: SFER-3
Black Color
BY WESBONE SITE FURNISHINGS
PH: 604.626.0476

WESBONE SITE FURNISHINGS
Medium Park Bench Model Number: NWB-5
BY WESBONE SITE FURNISHINGS
UltraLight™ Recycled Plastic Slats-Richwood
Frame
PH: 604.626.0476
All drawings are made to be installed by WESBONE SITE FURNISHINGS.



Milo
Milo 600 Load Table #141
BY WESBONE SITE FURNISHINGS





RZ 16-743741

Attachment 3

Address: 7000, 7002 and 7020 Williams Road & 10060 Gilbert Road

Applicant: Zhao XD Architect Ltd.

Planning Area(s): Broadmoor Area Plan

	Existing	Proposed
Owner:	Yao Chang Mao and Guo Qing Luo	No Change
Site Size (m²):	2,744 m ²	2,534.3 m ² (after road dedication)
Land Uses:	Single detached dwellings	Townhouse units and duplexes
OCP/Area Plan Designation:	Neighbourhood Residential	Neighbourhood Residential
Zoning:	Two-Unit Dwellings (RD1) and Single Detached (RS1/E)	Medium Density Townhouses (RTM2)
Number of Units:	3	15

On Future Subdivided Lots	Bylaw Requirement	Proposed	Variance
Floor Area Ratio:	Max 0.65	Max 0.65	none permitted
Buildable Floor Area (m ²):*	1647.3 m ²	Max. 1646.5 m ²	none permitted
Lot Coverage (% of lot area):	Building: Max. 40% Non-porous Surfaces: Max. 65% Landscaping: Max. 25%	Building: Max. 40% Non-porous Surfaces: Max. 64% Landscaping: Max. 26%	none
Lot Dimensions (m):	Min. Width: 40 m Min. Depth: 35 m	Width: 54.2 m Depth: 46.6 m	none
Setbacks – Front yard (m):	Min. 6.0 m	6.0 m	none
Setbacks – South Rear yard (m):	Min. 3.0 m	3.0 m	none
Setbacks – East Side yard (m):	Min. 3.0 m	4.5 m	none
Setbacks – Ext. Side yard (m):	Min. 6.0 m	4.5 m	Requested
Height (m):	Max. 12.0 m (3 storeys)	12.0 m	none
Off-street Parking Spaces – Regular (R) / Visitor (V):	2 (R) and 0.2 (V) per unit	2 (R) and 0.2 (V) per unit	none
Off-street Parking Spaces – Total:	33	33	none
Tandem Parking Spaces:	Permitted – Maximum of 50% of required spaces	14 (42%)	none

On Future Subdivided Lots	Bylaw Requirement	Proposed	Variance
Bicycle Parking Spaces	Class 1: 1.25/unit (19) Class 2: 0.2/unit (3)	Class1: 30 Class 2: 3	
Amenity Space – Indoor:	Minimum of 50 m ² or Cash in lieu (\$1000/unit)	Cash in lieu (15 x \$1000= \$15,000)	none
Amenity Space – Outdoor:	Private: Min. 30 m ² Public: 6 m ² /unit (90 m ²)	Private: Min 30 m ² Public: 94 m ²	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.

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pmg
LANDSCAPE ARCHITECTS
Suite C100 - 4195 Bill Crane Drive
Richmond, BC V6X 2K6
P: (604) 274-0011 F: (604) 274-0022

BSA

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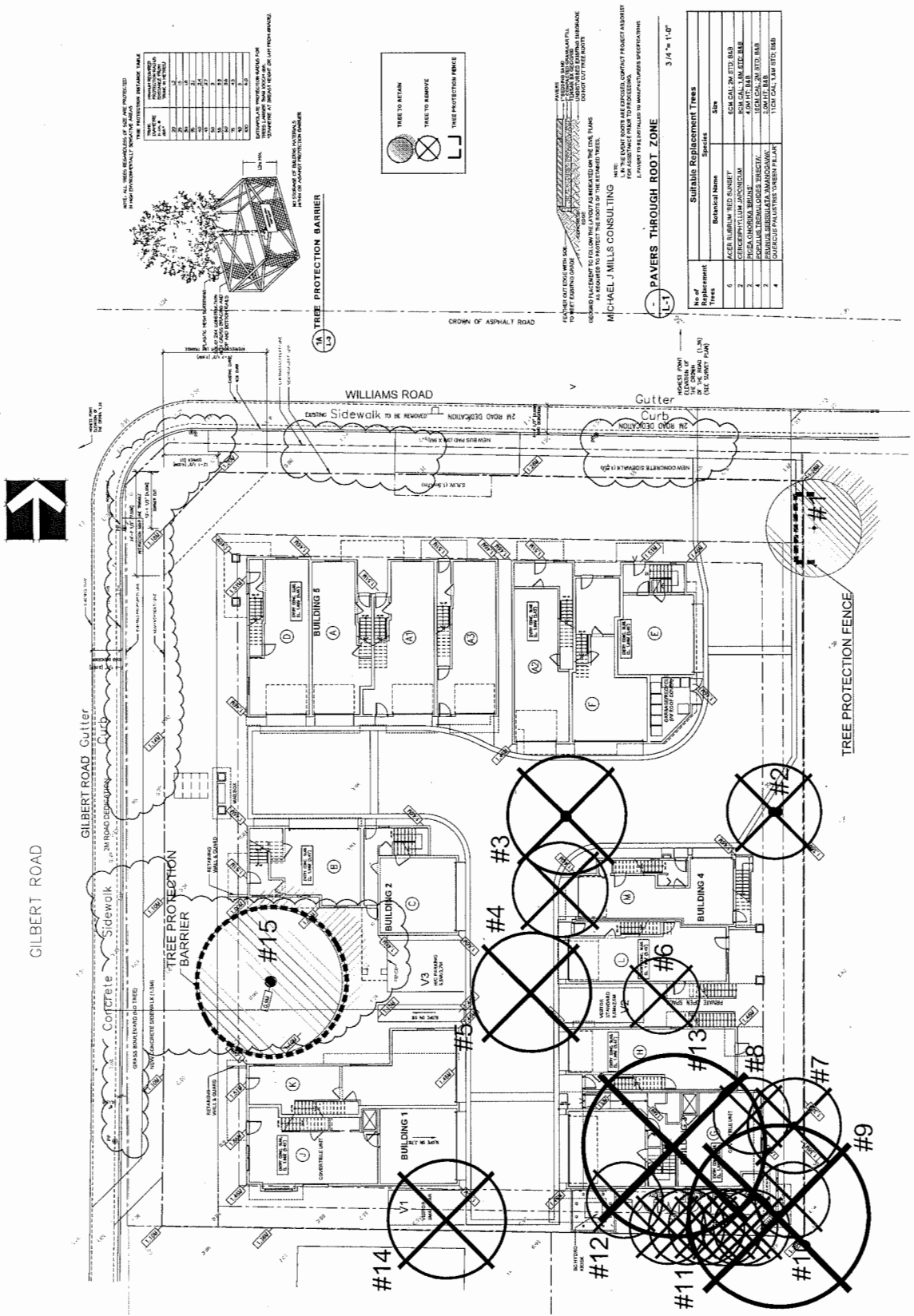
CLIENT: CHAMBERLAIN OFFICE CONSTRUCTION DEVELOPMENT LTD.

PROJECT: 15 UNIT TOWNHOUSE DEVELOPMENT
7000-20 WILLIAMS ROAD
RICHMOND

WITH: ZIMCO ARCHITECT LTD.
DRAWING TITLE: TREE MANAGEMENT PLAN

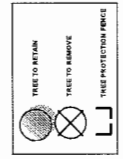
DATE: AUGUST 23, 2018
SCALE: 1/4" = 1'-0"
DRAWING NO: DESIGN 00
CHECKED: PCM
PMO PROJECT NUMBER: 161-153

DRAWING NUMBER: L3
OF 4



NOTE: ALL TREES RECORDED AS SHOWN AND PROTECTED AS SHOWN UNLESS OTHERWISE NOTED OTHERWISE.

TREE NUMBER	DATE	REVISION DESCRIPTION	DR.
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REMOVE EXISTING CONCRETE CURB AND RECONSTRUCT WITH NEW CONCRETE CURB AT 5% SLOPE TO SIDEWALK. AS SHOWN TO PROTECT THE ROOTS OF THE RETAINED TREES.

NOTE:
1. IN THE EVENT ROOTS ARE EXPOSED, CONTACT PROJECT ARCHITECT FOR REPAIRS TO PROTECT THE ROOTS OF THE RETAINED TREES.
2. PROVIDE TREE PROTECTION AS MANUFACTURER'S SPECIFICATIONS.

PAVERS THROUGH ROOT ZONE 3/4" x 1'-0"

No. of Replacement Trees	Botanical Name	Species	Size
6	JACK OAK	QUERCUS ROBUR	4.0M FT. DBH
2	CENTURY OAK	QUERCUS CENTURIALIS	4.0M FT. DBH
2	SPRING OAK	QUERCUS BICOLOR	4.0M FT. DBH
2	RED OAK	QUERCUS RUBRA	4.0M FT. DBH
4	DOGWOOD	CORNUS FLORIDA	2.0M FT. DBH

16153-2-29



City of Richmond

Rezoning Considerations

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

Address: 7000, 7002 and 7020 Williams Road & 10060 Gilbert Road

File No.: RZ 16-743741

Prior to final adoption of Richmond Zoning Bylaw 8500, Amendment Bylaw 9688, the developer is required to complete the following:

1. Consolidation of all the lots into one development parcel (which will require the demolition of the existing dwellings).
2. Submission of a Landscape Plan, prepared by a Registered Landscape Architect, to the satisfaction of the Director of Development. 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; and
 - include the 18 required replacement trees with the following minimum sizes:

No. of Replacement Trees	Minimum Caliper of Deciduous Tree	or	Minimum Height of Coniferous Tree
4	11 cm		6 m
4	10 cm		5.5 m
2	9 cm		5 m
2	8 cm		4 m
6	6 cm		3.5 m

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 \$10,000.00 for the one (1) tree to be retained.
5. 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.
6. Registration of a flood indemnity covenant on title.
7. City acceptance of the developer's offer to voluntarily contribute \$0.81 per buildable square foot (e.g. \$14,355.31) to the City's public art fund.
8. Contribution of \$1,000.00 per dwelling unit (e.g. \$15,000) in-lieu of on-site indoor amenity space.
9. City acceptance of the developer's offer to voluntarily contribute \$4.00 per buildable square foot (e.g. \$70,890.40) to the City's affordable housing fund.
10. Contribution of \$25,000.00 to go towards the purchase and installation of a City standard bus shelter
11. Contribution of \$8,800.00 to go towards the purchase and installation of illuminated street name signs at the Williams Road/Gilbert Road intersection.
12. Road dedications: (i) 2.0 m wide road dedication along the entire Williams Road development frontage; (ii) 2.0 m wide road dedication along the entire Gilbert Road development frontage; and (iii) 4.0 m x 4.0 m corner cut road dedication at the northwest corner of the site.
13. Registration of a legal agreement on title prohibiting the conversion of the tandem parking area into habitable space.
14. Registration of a legal agreement on title identifying that the proposed development must be designed and constructed to meet or exceed EnerGuide 82 criteria for energy efficiency and that all dwellings are pre-ducted for solar hot water heating.

Initial: _____

15. Registration of a Statutory Right-of-Way (SRW) Property Right-of-Passage (PROP) on title to provide legal means of public and vehicular access to future developments located south of the subject development. The SRW PROP is to cover the development driveway on Williams Road and the entire length of the north south drive aisle. At the south end of the easterly north-south aisle, no permanent structures are to be placed.
16. Discharge of existing covenant registered on Title of the subject property (i.e., G54759), which is no longer required by the City of Richmond for services.
17. Discharge of existing covenant registered on Title of the subject property (i.e., BF353030) which restricts the use of the property to a duplex.
18. The submission of a Development Permit* completed to a level deemed acceptable by the Director of Development.

Prior to a Development Permit* being forwarded to the Development Permit Panel for consideration, the developer is required to:

1. Complete a proposed townhouse energy efficiency report and recommendations prepared by a Certified Energy Advisor which demonstrates how the proposed construction will meet or exceed the required townhouse energy efficiency standards (EnerGuide 82 or better), in compliance with the City's Official Community Plan.

Prior to a Development Permit* issuance, the developer is required to complete the following:

1. Submission of a Landscaping Security to the City of Richmond based on 100% of the cost estimates provided by the landscape architect. The security will not be released until an acceptable impact assessment report by the Certified Arborist is submitted and a landscaping inspection has been passed by city staff. The City may retain a portion of the security for a one-year maintenance period.

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. Incorporation of accessibility, CPTED and sustainability measures in Building Permit (BP) plans as determined via the Rezoning and/or Development Permit processes.
3. Enter into a Servicing Agreement* for the design and construction of servicing works and off-site improvements to the satisfaction of the Director of Engineering. Works include, but may not be limited to;

Water Works:

- a. Using the OCP Model, there is 551.0 L/s of water available at a 20 psi residual at the Williams Rd frontage. Based on your proposed development, your site requires a minimum fire flow of 220 L/s.
- b. The Developer is required to:
 - Submit Fire Underwriter Survey (FUS) or International Organization for Standardization (ISO) fire flow calculations to confirm 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.
 - Install a new water service connection, complete with meter and meter box, off of the existing 250 mm AC water main along Williams Rd.
- c. At Developer's cost, the City is to:
 - Cut and cap the three (3) existing water service connections.
 - Install a new fire hydrant at the Williams Rd frontage.
 - Complete all tie-ins for the proposed works to existing City infrastructure.

Storm Sewer Works:

- d. The Developer is required to:

Initial: _____

- Upgrade approximately 65 m of existing 300 mm diameter storm sewer along the Williams Rd frontage to 600 mm. Upgrades are typically manhole to manhole.
 - Cut and cap the three (3) existing storm service connections, and remove inspection chambers.
 - Install a new storm service connection off of the proposed storm sewer along the Williams Rd frontage, complete with inspection chamber.
- e. At Developer's cost, the City is to:
- Complete all tie-ins for the proposed works to existing City infrastructure.

Sanitary Sewer Works:

- f. The Developer is required to:
- Cut, cap, and remove the existing 150 mm FRP sanitary main within the development site and along the Gilbert Road frontage, as well as all manholes, service laterals, and inspection chambers, and discharge right-of-way.
 - Install a new manhole at the southwest corner of the development site and tie-in to existing 150 mm FRP sanitary main.
 - Install a new sanitary service connection off of the proposed manhole. The manhole shall serve as an inspection chamber.
- g. At Developer's cost, the City is to:
- Complete all tie-ins for the proposed works to existing City infrastructure.

Frontage Improvements:

- h. 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 underground overhead service lines.
 - To determine if above ground structures are required and coordinate their locations (e.g. Vista, PMT, LPT, Shaw cabinets, Telus Kiosks, etc). These shall be located onsite, as described below.
 - Locate all above ground utility cabinets and kiosks required to service the proposed development within the developments site (see list below for examples). A functional plan showing conceptual locations for such infrastructure shall be included in the Rezoning staff report and the development process design review. Please coordinate with the respective private utility companies and the project's lighting and traffic signal consultants to confirm the right of ways dimensions and the locations for the aboveground structures. If a private utility company does not require an aboveground structure, that company shall confirm this via a letter to be submitted to the City. The following are examples of SRWs that shall be shown in the functional plan and registered prior to SA design approval:
 1. BC Hydro PMT – 4mW X 5m (deep)
 2. BC Hydro LPT – 3.5mW X 3.5m (deep)
 3. Street light kiosk – 1.5mW X 1.5m (deep)
 4. Traffic signal kiosk – 1mW X 1m (deep)
 5. Traffic signal UPS – 2mW X 1.5m (deep)
 6. Shaw cable kiosk – 1mW X 1m (deep) – show possible location in functional plan
 7. Telus FDH cabinet - 1.1mW X 1m (deep) – show possible location in functional plan
 - Review street lighting levels on all frontages and upgrade as required.

The Developer is required to design and construct frontage improvements along the Williams Road and Gilbert Road frontages. Works include, but may not be limited to:

- a) Williams Road frontage:
- (1) Construct a new 1.5 m wide concrete sidewalk at the new property line and grass boulevard with street trees behind the existing curb; and

- (2) Construct a 3.0 m wide x 9.0 m long concrete bus pad with conduit pre-ducting for electrical connection at the existing eastbound bus stop on Williams Road far-side of Gilbert Road (in accordance with TransLink's 'Universal Accessible Bus Stop Design Guidelines').
- b) Gilbert Road frontage: Construct a new 1.5 m wide concrete sidewalk at the new property line and grass boulevard with street trees behind the existing curb.
- c) Vehicle access is to be provided by a single driveway located at the eastern edge of the Williams Road development frontage. All existing driveways along the Williams Road and Gilbert Road development frontages are to be closed permanently. The Developer is responsible for the removal of the existing driveway let-downs and the replacement with barrier curb/gutter, grass/tree boulevard and concrete sidewalk per standards described in these Rezoning Considerations.
- d) The Developer is responsible for the cost of any traffic signal related works that are required as a result of conflict/impact of frontage improvements works and/or utility installations. The required traffic signal works may include: replacement of traffic signal poles and bases; replacement of vehicle detector loops; and traffic signal cabinet. The details of the traffic signal works will be defined as part of the Servicing Agreement detailed site design process.

General Items:

1. The Developer is required to:
 - Provide, within the first SA submission, a geotechnical assessment of preload and soil preparation impacts on the existing utilities fronting the development site and provide mitigation recommendations.
 - 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.
4. If applicable, payment of latecomer agreement charges associated with eligible latecomer works.
5. 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

Initial: _____

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 9688 (RZ 16-743741)
7000/7002/7020 Williams Road & 10060 Gilbert 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 "MEDIUM DENSITY TOWNHOUSES (RTM2)".

P.I.D. 004-514-572

Lot 84 Section 32 Block 4 North Range 6 West New Westminster District Plan 31625

P.I.D. 000-896-748

Lot 85 Section 32 Block 4 North Range 6 West New Westminster District Plan 31625

P.I.D. 003-986-055

Lot 87 Section 32 Block 4 North Range 6 West New Westminster District Plan 31625

- 2. This Bylaw may be cited as "Richmond Zoning Bylaw 8500, Amendment Bylaw 9688".

FIRST READING

A PUBLIC HEARING WAS HELD ON

SECOND READING

THIRD READING

OTHER CONDITIONS SATISFIED

ADOPTED

Series of horizontal lines for recording readings and conditions.

CITY OF RICHMOND APPROVED by BK APPROVED by Director or Solicitor ul

MAYOR

CORPORATE OFFICER