### City of Surrey PLANNING & DEVELOPMENT REPORT File: 7916-0010-00

Planning Report Date: May 2, 2016

### **PROPOSAL:**

112 AVE

104 AVE

96 AVE 88 AVE

80 AVE

72 AVE

**64 AVE** 

56 AVE 48 AVE

40 AVE 32 AVE

24 AVE 16 AVE

8 AVE

0 AVE

184 ST 192 ST

168 ST 176 ST

WHALLEY

120 ST

NEWTON

144 ST 152 ST

128 ST 136 ST GUILDFORD

CLOVERDALE

FLEETWOOD

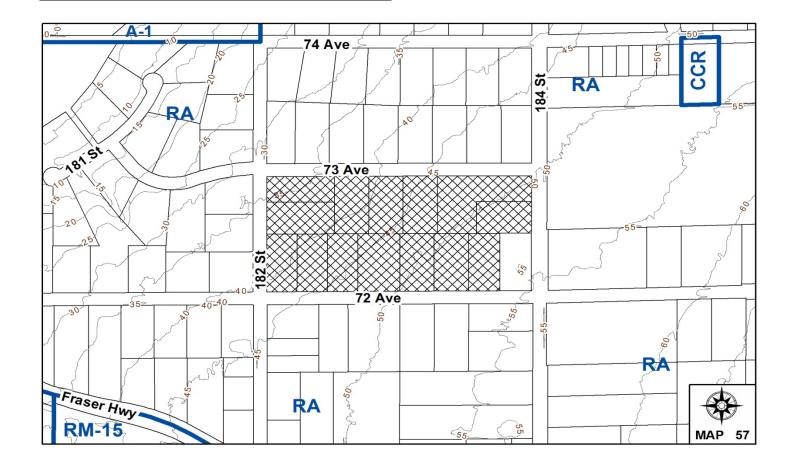
SOUTH SURREY

160 ST

• **Rezoning** from RA to RF and RF-10

to allow subdivision into 8 single family lots and 128 small single family lots.

LOCATION:	7263 - 184 Street, and 18225, 18241, 18259, 18281, 18311, 18341, 18355 - 72 Avenue and 18222, 18260, 18284, 18320, 18360 - 73 Avenue and 7236 - 182 Street
OWNERS:	Anthony F Tecklenborg et al
ZONING:	RA
OCP DESIGNATION:	Urban
NCP DESIGNATION:	Urban Transition; Urban/Townhouse Flex



### **RECOMMENDATION SUMMARY**

• By-law Introduction and set date for Public Hearing for Rezoning.

### **DEVIATION FROM PLANS, POLICIES OR REGULATIONS**

• None.

### **RATIONALE OF RECOMMENDATION**

- The proposed development complies with the land use and density designations in the West Clayton NCP.
- The West Clayton NCP was approved by Council on July 27, 2015 (Corporate Report No. R168; 2015) and this is the largest land assembly under application, to date, in the area.
- Although the acreage at the north-west corner of 72 Avenue and 184 Street is not included in the assembly, the applicant has demonstrated that development consistent with the subject application can be achieved on this adjacent site.
- As identified in the NCP, to provide a sensitive transition to the established acreage lots to the west, 8, 19.5-metre (64-ft.) wide RF lots are proposed on the east side of 182 Street, with rear lane access.
- Each proposed RF lot will incorporate an increased, 10-metre (33-ft.) front yard setback to allow for the installation of a 5.0-metre (16.5-ft.) wide landscape buffer fronting 182 Street, as specified in the West Clayton NCP. The landscape buffer will be located on private property and will be comprised of trees such as Maple, Dogwood and Grand Fir and low planting in front of a 0.9-metre (3-ft.) high wood-rail fence.
- The remainder of the site is proposed for 128 rear-access RF-10 lots, with a new 72A Avenue bisecting the site.

### **RECOMMENDATION**

The Planning & Development Department recommends that:

- a By-law be introduced to rezone the portion of the subject site shown as Block A on the Survey Plan attached as Appendix I from "One-Acre Residential Zone (RA)" to "Single Family Residential Zone (RF)" and the portion of the subject site shown as Block B from "One-Acre Residential Zone (RA)" to "Single Family Residential (10) Zone (RF-10)" and a date be set for Public Hearing.
- 2. Council instruct staff to resolve the following issues prior to final adoption:
  - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
  - (b) submission of a subdivision layout to the satisfaction of the Approving Officer;
  - (c) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
  - (d) submission of a finalized landscaping plan and landscaping cost estimate for the 182 Street landscape buffer to the specifications and satisfaction of the Planning and Development Department;
  - (e) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department;
  - (f) registration of a Section 219 Restrictive Covenant specifying the dimensions and locations of detached garages on proposed RF-10 Lots 5 to 117 and 122 to 136; and
  - (g) registration of a Section 219 Restrictive Covenant for "no build" on the western portions of proposed Lots 1 to 4 and 118 to 121 to increase the minimum front yard setback from 7.5 metres (25 ft.) to 10 metres (33 ft.) for the installation and maintenance of a 5.0-metre (16.5-ft.) wide landscape buffer along 182 Street, and to restrict vehicle access to the rear lane.

### **REFERRALS**

Engineering: The Engineering Department has no objection to the project subject to the completion of Engineering servicing requirements as outlined in Appendix III.

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School District:	Projected number of students from this development:
	68 Elementary students at Clayton Elementary School 34 Secondary students at Clayton Heights School
	(Appendix IV)
	The applicant has advised that the dwelling units in this project are expected to be constructed and ready for occupancy by late 2017 or early 2018.
Parks, Recreation & Culture:	The Parks, Recreation and Culture Department has no concerns with the development proposal.

### SITE CHARACTERISTICS

<u>Existing Land Use:</u> Residential acreage parcels with existing houses and accessory buildings, to be removed.

### <u>Adjacent Area:</u>

Direction	Existing Use	NCP Designation	Existing Zone
North (Across 73 Avenue):	Single family dwellings on acreage parcels and one City-owned acreage (for future park)	Landscape Buffer, Urban Transition (6 upa), Townhouse Residential (22+5 upa), Proposed Park, Urban Residential (10+4 upa)	RA
East (Across 184 Street):	Single family dwellings on acreage parcel and future North Clayton Secondary School (under construction)	Townhouse Residential (22+5 upa), Great Northern Greenway, Proposed School	RA
South (Across 72 Avenue):	Single family dwellings on acreage parcels	Townhouse/Apartment Flex, Great Northern Greenway	RA
West (Across 182 Street):	Single family dwellings on acreage parcels	Suburban Residential (2 upa), Townhouse Residential (22+5 upa)	RA

### **DEVELOPMENT CONSIDERATIONS**

Background and Site Context

• The approximately 6.5-hectare (16-acre) subject site consists of fourteen (14) parcels located in the southern portion of the West Clayton neighbourhood.

- On July 27, 2015, the West Clayton Neighbourhood Concept Plan (NCP) was approved by Council (Corporate Report No. R168;2015). The subject site is designated "Urban/Townhouse Flex" and "Urban Transition (6 upa)" in the West Clayton NCP, with a requirement for a 5.0-metre (16.5-ft.) wide landscape buffer on private property fronting 182 Street.
- The subject lots are currently zoned "One-Acre Residential Zone (RA)", and are currently designated "Urban" in the Official Community Plan (OCP).

### **Current Application**

- The applicant proposes to rezone the subject site from "One-Acre Residential Zone (RA)" to the following, as per the West Clayton NCP, for a total of one hundred and thirty-six (136) lots:
  - to "Single Family Residential Zone (RF)" to allow subdivision into eight (8) lots in Block A (proposed Lots 1 to 4 and 118 to 121); and
  - to "Single Family Residential (10) Zone (RF-10)" to allow subdivision into one-hundred and twenty-eight (128) lots in Block B (proposed Lots 5 to 117 and 122 to 136).
- Proposed RF Lots 1 to 4 and 118 to 121 will be approximately 19.6 metres (64.5 ft.) in width and will range in area from 669 square metres (7,201 sq.ft.) to 688 square metres (7,406 sq.ft.). As per the West Clayton NCP, each proposed lot will be 35 metres (115 ft.) in depth, incorporating an increased front yard setback to allow for the installation of the required landscape buffer fronting 182 Street, which is to be secured through a restrictive covenant. Vehicle access to all eight RF lots will be via a rear lane.
- Proposed RF-10 Type IV Lots 5 to 77, 80 to 117 and 122 to 136 will range in size from 324 square metres (3,488 sq.ft.) to 507 square metres (5,457 sq.ft.) and in width from 9.0 metres (30 ft.) to 14.3 metres (47 ft.), and in depth from 36 metres (118 ft.) to 37 metres (121 ft.). Proposed RF-10 Type I Lots 78 and 79 will range in size from 349 square metres (3,757 sq.ft.) to 432 square metres (4,650 sq.ft.) and in width from 9.7 metres (32 ft.) to 12.8 metres (42 ft.), and in depth from 35.5 metres (116 ft.) to 35.9 metres (118 ft.). These lots will be oriented towards 72 Avenue, 72 Avenue, 73 Avenue and 184 Street. Vehicle access to each RF-10 lot will be via a rear lane.
- The proposed RF lots fronting 182 Street and RF-10 lots on the remainder of the site comply with the land use and density designations in the West Clayton NCP.
- Although the acreage at the north-west corner of 72 Avenue and 184 Street (7219 184 Street) is not included in the assembly, the applicant has demonstrated that development consistent with the subject application can be achieved on this adjacent site (see Appendix II).

### Road Dedication Requirements

• The applicant will be required to dedicate portions of the site for the widenings of 72 Avenue and 184 Street to an Arterial standard, and to construct these roads to an interim standard defined in the West Clayton NCP.

Staff Report to Council

• The applicant is required to dedicate and construct 72A Avenue, 73 Avenue, 182 Street and 183 Street to the Through Local Road standard.

### Neighbourhood Character Study and Building Scheme

• The applicant for the subject site has retained Apex Design Group Inc. as the Design Consultant. The Design Consultant conducted a character study of the surrounding homes and based on the findings of the study, which suggest that the older housing stock in the area does not provide suitable architectural context, has proposed a set of building design guidelines that recommend an updated design standard (Appendix V).

### Proposed Lot Grading

• In-ground basements are proposed for all lots based on the lot grading plan (prepared by Hub Engineering Inc.). Basements will be achieved with minimal cut or fill. The grading information provided has been reviewed by staff and found acceptable, pending some minor revisions.

### PRE-NOTIFICATION

Pre-notification letters were sent out on March 23, 2016. The Development Notification sign was erected on March 23, 2016. Staff received the following responses:

• The Cloverdale Community Association (CCA) submitted a letter indicating that the applicant has addressed their concerns with respect to the provision of off-street parking spaces as demonstrated on the site plan attached to their letter (see Appendix VIII). However, the CCA has requested that staff ensure that all roads in the neighbourhood are able to accommodate sidewalks, trees and boulevards, and parking on both sides. The CCA has also requested that the parking layout and proposed number of parking spaces is secured through a restrictive covenant or the building scheme, and is seeking assurances that the current schools in the area are able to accommodate the students generated through this development. Finally, the CCA has expressed their opposition to the 9-metre (29.5-ft.) lot width permitted in the RF-10 Zone.

(72A Avenue, 73 Avenue, 182 Street and 183 Street will all ultimately provide on-street parking on both sides of the road. 72 Avenue and 184 Street are classified as arterial roads, and will not provide on-street parking. Treed boulevards and sidewalks are typical for most new streets in Surrey, and will be provided along all streets fronting the proposed development.

The applicant has agreed to register a Restrictive Covenant on the proposed RF-10 lots to secure the location and dimensions of the garage, which are proposed to exceed the minimum dimensional requirements of the Zoning By-law. Each lot will provide a minimum of three on-site parking spaces. The RF-10 Zone limits outside parking to a maximum of 2 cars.

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The Surrey School District was involved in the development of the West Clayton NCP, and has planned accordingly for the student population generated through this proposed development and any future developments in West Clayton. The School District has requested capital project approval for two new elementary schools in the Clayton area, and is currently constructing the new North Clayton Area Secondary School. The subject application is consistent with the NCP.

The proposed RF-10 lots comply with the depth, width and area provisions of the RF-10 Zone.)

• A resident in the vicinity of the proposed development provided a letter in opposition to the proposed development, and to the West Clayton NCP in general. The resident feels that they have no option but to move from their neighbourhood and expressed their frustration at being repeatedly contacted by individuals interested in acquiring their property, and who suggest that they will miss their opportunity to sell at a later date if they do not do so at this time. The resident indicated that they have always intended to spend the rest of their life in this neighbourhood and wishes to remain in their home, but will be negatively impacted by increased construction, noise and traffic.

(Staff responded to the resident to acknowledge that their letter had been received and that their comments would be included in the Planning Report to Council. The proposed development is consistent with the West Clayton NCP.)

### TREES

• Andrew Connell, ISA Certified Arborist of Diamond Head Consulting Ltd prepared an Arborist Assessment for the subject property (see Appendix VI). The table below provides a summary of the tree retention and removal by tree species:

The isomethic preservation by free species.				
Tree Species	Existing	Remove	Retain	
Alder	and Cottonwood	l Trees		
Alder	3	3	0	
	<b>Deciduous Tree</b> Alder and Cotton			
Apple	24	24	0	
Bigleaf Maple	13	13	0	
Black Walnut	6	6	0	
Cherry	16	16	0	
Dogwood	1	1	0	
Elm	2	2	0	
English Oak	1	1	0	
English Walnut	1	1	0	
Japanese Maple	2	2	0	
Norway Maple	2	2	0	
Paper Birch	2	2	0	
Staghorn Sumac	1	1	0	
Weeping Willow	5	5	0	

### Table 1: Summary of Tree Preservation by Tree Species:

#### File: 7916-0010-00

Tree Species	Exis	ting	Remove	Retain
	Conifero	us Tree	s	
Amabilis Fir	3		3	0
Blue Spruce	5		5	0
Deodar Cedar	4		4	0
Douglas-fir	14	5	15	0
Holly	4		4	0
Lawson Cypress	7	,	7	0
Monkey Puzzle	1		1	0
Noble Fir	5		5	0
Norway Spruce	6		6	0
Ponderosa Pine	1		1	0
Scots Pine	8		8	0
Shore Pine	10	)	10	0
Sitka Spruce	10	)	10	0
Smaragd Cedar	2	1	2	0
Variegated Cedar	1		1	0
Western Hemlock	3		3	0
Western Red Cedar	34	1	34	0
White Spruce	6		6	0
<b>Total</b> (excluding Alder and Cottonwood Trees)	20	01	201	0
Total Replacement Trees Proposed (excluding Boulevard Street Trees)152				
Total Retained and Replacement Trees		152		
Contribution to the Green City Fund		\$75,900		

- The Arborist Assessment states that there are a total of 201 mature trees on the site, excluding Alder and Cottonwood trees. Three (3) existing trees, approximately 1% of the total trees on the site, are Alder trees. It was determined that no trees can be retained as part of this development proposal. The proposed tree removal was assessed taking into consideration the location of services, road dedication, proposed lot grading, and building footprints.
- Staff from the Area Planning and Trees and Landscaping Sections reviewed the arborist report in greater detail to determine whether there might be additional opportunities for tree retention. Of the 201 mature trees on the site, the overall condition of 175 trees has been identified as either poor, very poor, high risk, or dead/dying.
- The majority of trees on the site were planted over time by the residential property owners. While there are several mature trees in the neighbourhood, trees on residential properties are typically not maintained in such a manner that allows them to survive in the longer term, particularly when there is site disturbance.
- Of the remaining trees on the site, the overall condition of 26 mature trees has been characterized as normal, defined as in "fair to good condition". Of these 26 trees, 17 trees are located within road dedication areas, including widening of 72 Avenue and 184 Street (both

classified as arterial). The remaining 9 trees located throughout the site that would be candidates for retention are not practical to retain on the proposed small (RF-10) type lots given the root protection areas required and the dimensions of the lots.

- For those trees that cannot be retained, the applicant will be required to plant trees on a 1 to 1 replacement ratio for Alder and Cottonwood trees, and a 2 to 1 replacement ratio for all other trees. This will require a total of 405 replacement trees on the site. Since 152 replacement trees can be accommodated on the site (based on an average of 1 3 trees per lot), the deficit of 253 replacement trees will require a cash-in-lieu payment of \$75,900 representing \$300 per tree, to the Green City Fund, in accordance with the City's Tree Protection By-law.
- In addition to the replacement trees, boulevard street trees will be planted on 72 Avenue, 72A Avenue, 73 Avenue, 182 Street, 183 Street, and 184 Street. This will be determined by the Engineering Department during the servicing design review process.
- In summary, a total of 152 trees are proposed to be replaced on the site with a contribution of \$75,900 to the Green City Fund.

### Landscape Buffer

- As per the requirement within the West Clayton NCP to provide a sensitive transition to the existing acreage lots on the west side of 182 Street, the applicant is proposing a 5.0-metre (16.5-ft.) wide landscape buffer be located on private property fronting 182 Street. A 0.9-metre (3-ft.) high wood rail fence with pedestrian gates will be located away from the street, inside the property line at the rear (eastern edge) of the buffer. A concrete walkway will connect the proposed single family dwellings to the future sidewalk. Vehicle access will be located at the rear of each of the properties, from the lane.
- The landscape buffer will be comprised of thirty-two (32) new trees planted within the required landscape buffer along 182 Street, consisting of Vine Maple, Pacific Dogwood and Grand Fir. The landscape buffer will also incorporate such low plantings as Bearberry, Beach Strawberry, Longleaf Oregon Grape, Redtwig Dogwood and Wooly Sunflower, among others.

### SUSTAINABLE DEVELOPMENT CHECKLIST

The applicant prepared and submitted a sustainable development checklist for the subject site on January 11, 2016. The table below summarizes the applicable development features of the proposal based on the seven (7) criteria listed in the Surrey Sustainable Development Checklist.

Sustainability Criteria	Sustainable Development Features Summary
1. Site Context & Location (A1-A2)	• The site is within the West Clayton NCP area. The subject proposal is consistent with the plan designation.
2. Density & Diversity (B1-B7)	<ul> <li>The development will provide a limited variety of single family housing types.</li> <li>Secondary suites can be accommodated, offering a diversity of housing options.</li> </ul>

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Sustainability Criteria	Sustainable Development Features Summary
3. Ecology & Stewardship (C1-C4)	• The development incorporates Low Impact Development Standards such as absorbent soils and permeable surfaces.
4. Sustainable Transport & Mobility (D1-D2)	• The development is located in close proximity to the future Great Northern and Armstrong Greenways (across 72 Avenue and 184 Street, respectively).
5. Accessibility & Safety (E1-E3)	• The development incorporates CPTED principles, such as providing "eyes on the street".
6. Green Certification (F1)	• N/A
7. Education & Awareness (G1-G4)	• N/A

### **INFORMATION ATTACHED TO THIS REPORT**

The following information is attached to this Report:

Appendix I.	Lot Owners, Action Summary, Project Data Sheets and Survey Plan
Appendix II.	Proposed Subdivision Layout
Appendix III.	Engineering Summary
Appendix IV.	School District Comments
Appendix V.	Building Design Guidelines Summary
Appendix VI.	Summary of Tree Survey and Tree Preservation
Appendix VII.	Landscape Buffer Plan
Appendix VIII.	Letter from the Cloverdale Community Association

original signed by Judith Robertson

Jean Lamontagne General Manager Planning and Development

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## Information for City Clerk

Legal Description and Owners of all lots that form part of the application:

1.	(a) Agent:	Name:	Mike Kompter
			Hub Engineering Inc.
		Address:	12992 - 76 Avenue, Suite 212
			Surrey, BC V <sub>3</sub> W <sub>2</sub> V6
		Tel:	604-572-4328

2. Properties involved in the Application

(a)	Civic Addresses:	7263 - 184 Street
		18225 - 72 Avenue
		18360 - 73 Avenue
		18241 - 72 Avenue
		18320 - 73 Avenue
		18259 - 72 Avenue
		18284 - 73 Avenue
		18281 - 72 Avenue
		18260 - 73 Avenue
		18311 - 72 Avenue
		18222 - 73 Avenue
		18341 - 72 Avenue
		7236 - 182 Street
		18355 - 72 Avenue

(b)	Civic Address:	7263 - 184 Street
	Owner:	Kulvinder K Sangha
		Shingara Kang
	PID:	010-204-768
	Lot 1 Section 20 Town	nship 8 Plan 16716 NWD Part N ½ of S ½ of Se 1/4

(c)	Civic Address:	18225 - 72 Avenue
	Owner:	Hugh C Skinner
		Elaine B Skinner
	PID:	007-277-229
	Lot 3 Section 20 Township 8 Plan 17650 NWD	

(d) Civic Address: 18360 - 73 Avenue
Owner: Gordon W Baizley
PID: 009-313-281
Lot 3 Section 20 Township 8 Plan 23055 NWD Part SE 1/4

(e)	Civic Address: Owner: PID: Lot 4 Section 20 Tow	18241 - 72 Avenue Karampal Dhaliwal Balwinder K Dhaliwal 010-303-260 nship 8 Plan 17650 NWD
(f)	Civic Address: Owner: PID:	18320 - 73 Avenue Jean M Olmr George A Olmr 009-313-320
	Lot 4 Section 20 Tow	nship 8 Plan 23055 NWD
(g)	Civic Address: Owner:	18259 - 72 Avenue Herbert G Broerken Donna M Broerken Judith M Tecklenborg Anthony F Tecklenborg
	PID:	010-303-286
	Lot 5 Section 20 towr	nship 8 Plan 17650 NWD
(h)	Civic Address: Owner:	18284 - 73 Avenue Susan M Macrae Gregory A Macrae
	PID: Lot 5 Section 20 Tow	009-313-338 nship 8 Plan 23055 NWD
(i)	Civic Address: Owner:	18281 - 72 Avenue Herbert G Broerken Donna M Broerken
	PID: Lot 6 Section 20 Tow	010-303-308 nship 8 Plan 17650 NWD
(j)	Civic Address: Owner:	18260 - 73 Avenue Kam Kuen Fung Li Zhen Shen
	PID: Lot 6 Section 20 Tow	002-570-521 nship 8 Plan 23055 NWD
(k)	Civic Address: Owner: PID: Lot 7 Section 20 Tow	18311 - 72 Avenue 100 West Clayton Development Ltd 010-161-376 nship 8 Plan 21027 NWD
(1)	Civic Address: Owner:	18222 - 73 Avenue John H Boogaart Betty N Boogaart
	PID: Lot 7 Section 20 Tow	009-313-354 nship 8 Plan 23055 NWD

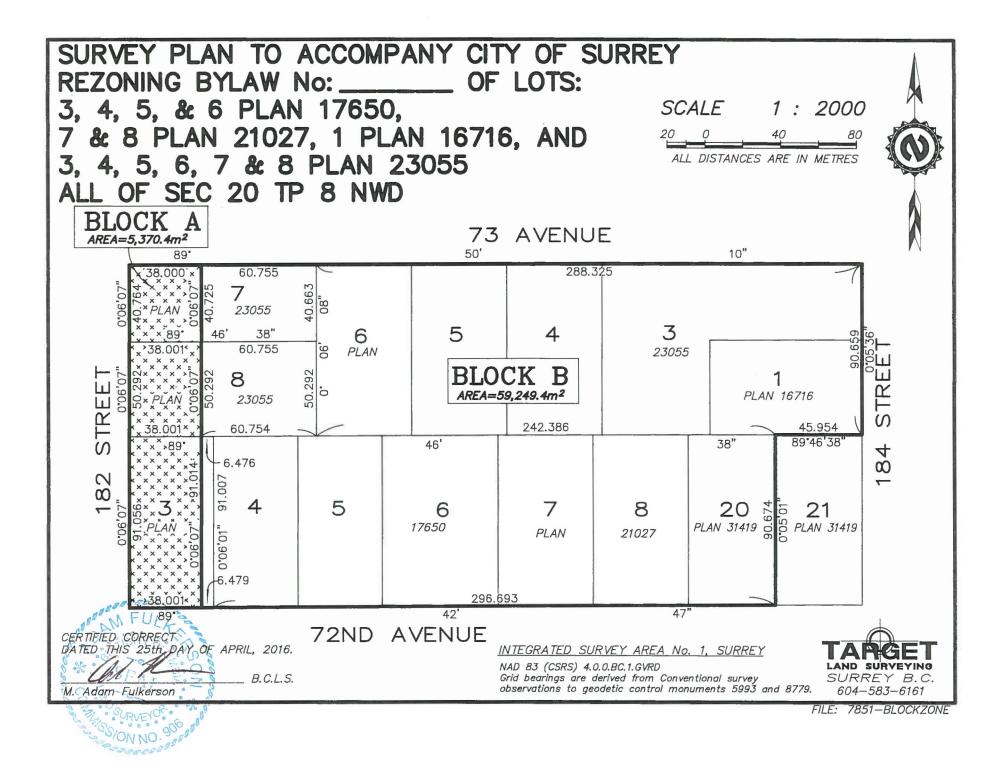
(m)	Civic Address: Owner:	18341 - 72 Avenue Sherley A Wetzel Donald R Wetzel
	PID:	000-988-464
	Lot 8 Section 20 Town	nship 8 Plan 21027 NWD
(n)	Civic Address:	7236 - 182 Street
	Owner:	Wilfred J Moffatt
		Eunice M Moffatt
	PID:	009-313-362
	Lot 8 Section 20 Town	nship 8 Plan 23055 NWD Part SE 1/4
(o)	Civic Address:	18355 - 72 Avenue
	Owner:	Kulvender K Thoor
		Phapinder S Thoor
	PID:	002-754-789
	Lot 20 Section 20 Tov	vnship 8 Plan 31419 NWD Part SE 1/4

- 3. Summary of Actions for City Clerk's Office
  - (a) Introduce a By-law to rezone the site.

# SUBDIVISION DATA SHEET

# Proposed Zoning: RF and RF-10

Requires Project Data	Prop	osed
GROSS SITE AREA		
Acres	16	.4
Hectares		.6
NUMBER OF LOTS		
Existing		4
Proposed	13	36
SIZE OF LOTS		
Range of lot widths (metres)		7 metres
Range of lot areas (square metres)	324 - 688	sq. metres
DENSITY		
Lots/Hectare & Lots/Acre (Gross)	20.5 lots/hecta	re 8.5 lots/acre
Lots/Hectare & Lots/Acre (Net)		
SITE COVERAGE (in % of gross site area)	RF-10	RF
Maximum Coverage of Principal &	52%	40%
Accessory Building	-	-
Estimated Road, Lane & Driveway Coverage	33%	25%
Total Site Coverage	85%	65%
PARKLAND		
Area (square metres)	N	/A
% of Gross Site	1 4	/ 1
	Regi	uired
PARKLAND	1	
5% money in lieu YES		ES
TREE SURVEY/ASSESSMENT	Y	ES
MODEL BUILDING SCHEME	Y	ES
		2
HERITAGE SITE Retention	N	0
FRASER HEALTH Approval NO		0
	1	
DEV. VARIANCE PERMIT required		
Road Length/Standards	N	0
Works and Services NO		0
Building Retention		



# Appendix II

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	16.67	35.00 6.00	<b>371m<sup>3</sup> 326m 526m 526m 526m 52</b>	27 <b>528 529 530 531 532</b> 6m 326m 326m 326m 326m 326m	133 134 135 138 <u>6</u> 2000 526m 526m 526m 526m 577m	265 <b>386 387 388 389</b> 372m <sup>3</sup> 327m 326m 326m 326m 326m	ີ່ ອີ70 ອີ71 ອີ72 ອີ73 ອີ74 ກັ326m 326m 326m 325m 325m 3	PL/01 10710 7803 - V05 02000	800 8 37.15 81 8 3334m <sup>2</sup> 6 3, 37.15 80 8 8, 37.15 80 8 8, 37.15 80 8 8, 7 1.19 415m <sup>4</sup> 8 1.19 415
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C:\Project	t No.	16009	DATE: APR 2016 LEGAL: PRELIMINARY PLAN-	SUBJECT TO APPROVAL(S) FROM REDERAL, PROVI	1:1000	IPAL PROJECT No:		nd Development Consulta Suite 212, 12992 - 76 Avenue, Surrey, -4328   fax: 604-501-1625   mail@hu	nts Q B.C. V3W 2V6 H Jb-inc.com X

H H



INTER-OFFICE MEMO

TO:	Manager, Area Planning & Development - North Surrey Division Planning and Development Department		
FROM:	Development Services Manager, Engineering Department		
DATE:	April 27, 2016	PROJECT FILE:	7816-0010-00
RE:	Engineering Requirements Location: 18225/18241/18259/18281/18311/18341/18355-72 Avenue 18222/18260/18248/18320/18360-73 Avenue		

7263-184 Street & 7236-182 Street

### **REZONE/SUBDIVISION**

### **Property and Right-of-Way Requirements**

- dedicate 4.942 m along 72 Avenue to the 30.0 m Arterial Road allowance;
- dedicate 2.808 m along 184 Street to the 30.0 m Arterial Road allowance;
- dedicate 20.0 m for 72A Avenue to a 20.0 m Local Road allowance, minimum 11.5 m fronting 7263 184 Street;
- dedicate 20.0 m for 183 Street to a 20.0 m Local Road allowance;
- register 0.5 m statutory right-of-way along all frontages;
- dedicate 6.0 m for all lanes; and
- dedicate all corner cuts.

### Works and Services

- construct north side of 72 Avenue and west side of 184 Street to the Arterial Road standard;
- construct south side of 73 Avenue and east side of 182 Street to the Local Road standard;
- construct 72A Avenue and 183 Street to the Local Road standard;
- construct storm, water, and sanitary mains to service the development as per the West Clayton NCP Stage 2 Servicing Strategy; and
- construct the 180 Street sanitary sewer diversion upgrades as the North Cloverdale Pump Station does not have adequate capacity to service the proposed development.

A Servicing Agreement is required prior to Rezone/Subdivision.

Roohe

Robert Cooke, Eng.L. Development Project Engineer

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NOTE: Detailed Land Development Engineering Review available on file



Thursday, March 31, 2016 Planning

### THE IMPACT ON SCHOOLS

APPLICATION #:

16 0010 00

#### School Enrolment Projections and Planning Update:

The following tables illustrate the enrolment projections (with current/approved ministry capacity) for the elementary and secondary schools serving the proposed development.

Katzie Elementary opened Spring Break of 2014, temporarily relieving pressure at Clayton area elementary schools. Due to increased densities and higher than projected student yields (from carriage houses and suites), enrolment in the Clayton area already exceeds the capacity of all area elementary and secondary schools. Enrolment in the Clayton Elementary catchment is projected to grow significantly due to the expansion of the East Clayton NCP Area and the new West Clayton NCP Area. The Clayton Elementary site cannot accommodate additional portables onsite so in September 2016 a large section of Clayton Elementary catchment is moving to Hazelgrove Elementary (which is also full). In addition to the three existing schools, Clayton, Hazelgrove and Katzie, the district is projected to need multiple new elementary schools to serve the long term residential build out and population growth in the Clayton Area. As a high priority in it's capital plan the school district has requested capital project approval for two new elementary schools in the Clayton area (one of which will be located in the West Clayton NCP Area). The school district has received capital project approval for a new North Clayton Area Secondary (Site #215) which is currently under construction. The new secondary school will relieve overcrowding at Clayton Heights Secondary and Lord Tweedsmuir Secondary. Until new elementary space is built in Clayton, the schools in this area remain under extreme enrolment pressure and for this reason, the school district does not support development occurring at densities higher than outlined in approved NCP documents.

#### SUMMARY

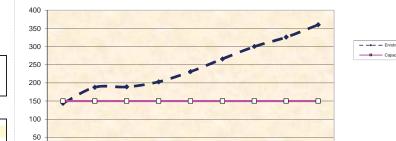
The proposed 136 Single family with suites are estimated to have the following impact on the following schools:

#### **Projected # of students for this development:**

Elementary Students:	68
Secondary Students:	34
September 2015 Enrolment/School Capacity	

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Clayton Elementary	
Enrolment (K/1-7):	52 K + 179
Capacity (K/1-7):	0 K + 150
Clayton Heights Secondary	
Enrolment (8-12):	1332
Nominal Capacity (8-12):	1000
Functional Capacity*(8-12);	1080



2015

#### **Clayton Heights Secondary**

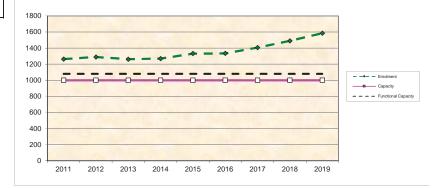
2012

2013

2014

0

**Clayton Elementary** 



2016

2017

2018

2019

\*Functional Capacity at secondary schools is based on space utilization estimate of 27 students per instructional space. The number of instructional spaces is estimated by dividing nominal facility capacity (Ministry capacity) by 25.

# **BUILDING GUIDELINES SUMMARY**

Surrey Project no.: Property Location:	16-0010 (100 West Clayton Development Ltd.) 18225, 18241, 18259, 18281, 18311, 18341, 18355 - 72 Avenue 18222, 18284, 18320, 18350-73 Avenue 7236-182 Street, 7263-184 Street, Surrey, B.C.
Design Consultant:	Apex Design Group Inc. Ran Chahal, Architectural Technologist AIBC, CRD #157- 8120 -128 Street, Surrey, BC V3W 1R1 Off: 604-543-8281 Fax: 604-543-8248

The draft Building Scheme proposed for this Project has been files with the City Clerk. The following is a summary of the Residential Character Study and the Design Guidelines, which highlight the important features and form the basis of the draft Building Scheme.

## 1. Residential Character

# 1.1 General Description of the Existing and/or Emerging Residential Character of the Subject Site:

The area surrounding the subject site is an old urban area built out in the 1960's – 2000's. Most homes are simple "West Coast Traditional" style structures with habitable areas of between 2000-4000sf.

Most of the existing homes have mid to mid-massing characteristics with 94% of the homes having a one storey front entry.

Roof pitch varies from economical low pitch (6/12 or lower) to medium pitch (7-10/12) common truss roofs with simple gables and common hips with Asphalt Shingles roof being most common.

Wall surface materials are limited in the most part to one of the following: Vinyl (dominant), Cedar and Stucco with Brick Siding for an accent material. Accent trims are evident on most of the existing homes.

Landscaping is of a moderate planting standard with 11% of the homes having exposed Aggregate driveways.

# 1.2 Prevailing Features of the Existing and Surrounding Dwellings Significant to the Proposed Building Scheme:

None. Since the majority of the existing homes in the study area are 10-40 years old, a new character area will be created. The new homes will meet modern development standards especially with respect to overall massing and balance in each design and to proportional massing between individual elements. Trim and detailing standards and

construction materials standards will meet 2000's levels. Continuity of character will be ensured through style and home type restrictions as described below.

Dwelling Types/Location	s: "Two-Storey" "Basement/Cathedral Entry" "Rancher (Bungalow)" "Split Levels"	30.0% 33.0% 30.00% 7.0%
Dwelling Sizes/Location (Floor Area and Volume)	0	I.ft excl. garage
Exterior Treatment /Materials:	Cedar: 36.0% Stucco: 28.0% Vir Brick or stone accent on 15.0% of all	5
Roof Pitch and Materials	Asphalt Shingles: 50.0% Cedar Sh Concrete Tiles: 0.0% Tar & Gra 50.00% of all homes have a roof pitc	avel: 20.0%
Window/Door Details:	100% of all homes have rectangular	windows

Streetscape: A variety of simple "Two Story", 30-50 year old "West Coast Traditional" homes are set 25 to 50 feet from the street in a common old urban setting typified by coniferous growth and mature shrubs. Roofs on most homes are simple low pitch common hip or common gable forms with Asphalt Shingles Roof Tiles on most of the homes. Most homes are clad in Cedar and Vinyl.

Other Dominant Elements: None

## 2. Proposed Design Guidelines

# 2.1 Specific Residential Character and Design Elements these Guidelines Attempt to Preserve and/or Create:

Guidelines will not preserve the existing old urban character. Rather, the guidelines will ensure that a desirable new character area is created in which modestly sized Two-Storey, Bungalow and Split Level type homes are constructed to 2000's standard. Continuity of character will be achieved with restrictions permitting the use of compatible styles, roof forms and exterior construction materials. Landscapes will be constructed to a modern urban standard.

## 2.2 **Proposed Design Solutions:**

Dwelling Types/Locations:	Two-Storey, Split Levels and Ranchers (Bungalows).		
Dwelling Sizes/Locations:	Two-Storey/Split Levels	- 2000 sq.ft. minimum	
(Floor Area and Volume)	Basement Entry	- 2000 sq.ft. minimum	

Rancher or Bungalow - 1400 sq.ft. minimum (Exclusive of garage or in-ground basement)

- **Exterior Treatment** /Materials: No specific interface treatment. However, all permitted styles including: "Neo-Traditional", "Neo-Heritage", "Rural-Heritage" or "West Coast Modern" will be compatible with the existing study area homes. "West Coast Contemporary" designs will also be premitted, subject to the design consultant confirming the integrity of any "West Coast Contemporary" design.
- **Exterior Materials** /Colours: Stucco, Cedar, Vinyl, Hardiplank, Brick and Stone in "Neutral" and "Natural" colours. "Primary" and "Warm" colours not permitted on cladding. Trim colours: Shade variation on main colour, complementary, neutral or subdued contrast.
- Roof Pitch:Minimum 6:12 with some exceptions, including the possibility<br/>of near-flat roofs to permit "West Coast Contemporary"<br/>designs, subject to the design consultant confirming the<br/>integrity of any "West Coast Contemporary" design.
- **Roof Materials/Colours:** Cedar shingles, Concrete roof tiles in a shake profile and asphalt shingles in a shake profile. Grey or brown only.
- Window/Door Details: Dominant: Rectangular or Gently arched windows.
- **In-ground basements:** Permitted if servicing allows.
- Landscaping:Trees as specified on Tree Replacement Plan plus<br/>min. 17 shrubs (min. 5 gallon pot size).
- Compliance Deposit: \$5,000.00

## Summary prepared and submitted by:

Ran Chahal, Design Consultant Architectural Technologist AIBC, CRD Apex Design Group Inc.

February 19, 2016 Date

-

Arborist Report – 18225, 18241, 18259, 18281, 18311, 18341, 18355 72<sup>nd</sup> Avenue, 18222, 18260, 18284, 18320, 18360 73<sup>rd</sup> Avenue, 7263 184<sup>th</sup> Street, 7236 182<sup>nd</sup> Street, Surrey.

#### **Table 4. Tree Preservation Summary**

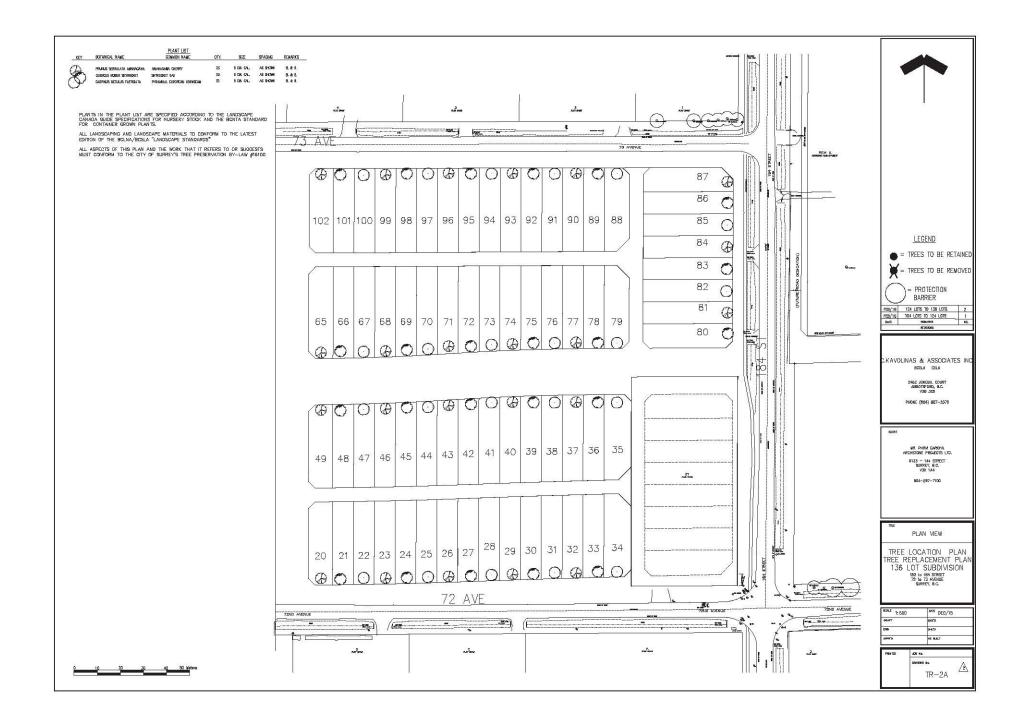
TREE PRESERVATION SUMMARY			
Surrey Project No: Address:	18225, 18241, 18259, 18281, 18311, 18341, 18355 72nd Avenue, 18222, 18284, 18320, 18360 73rd Avenue, 7263 184th Street, 7236 182nd Street, Surrey, BC		
Registered Arborist:	Andrew Connell, B.Sc. ISA Certified Arborist (PN6991A) ISA Certified Tree Risk Assessor (797) Certified Landscape Technician		

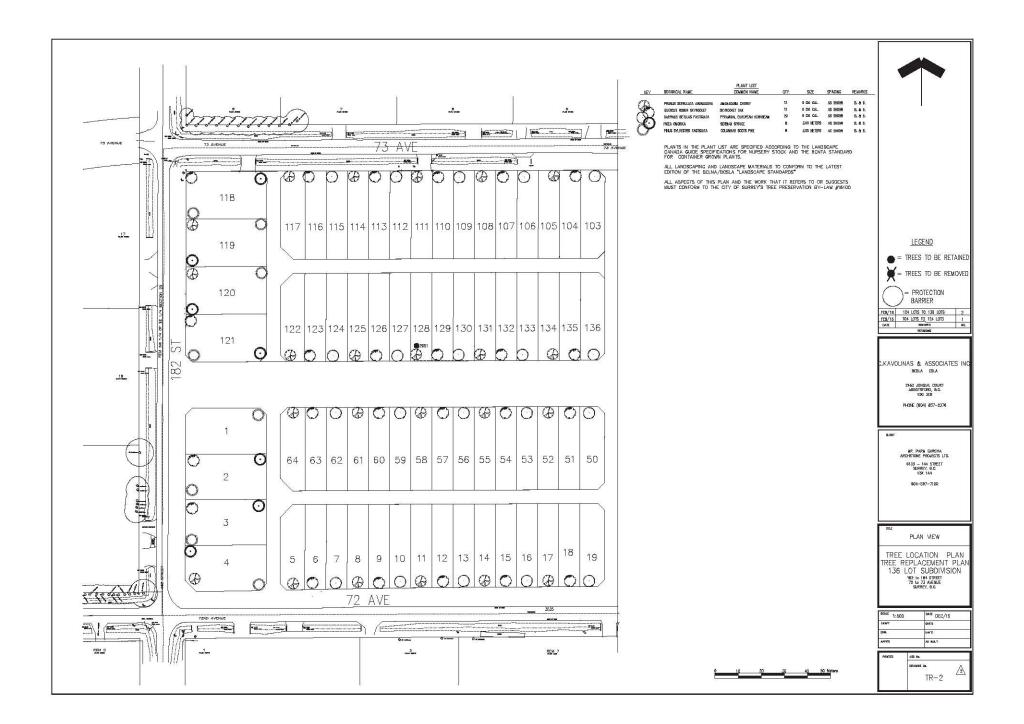
On-Site Trees	Number of Trees
Protected Trees Identified (on-site and shared trees, including trees within boulevards and proposed streets and lanes, but excluding trees in proposed open space or riparian areas)	209
Protected Trees to be Removed	204
Protected Trees to be Retained (excluding trees within proposed open space or riparian areas)	5
Total Replacement Trees Required:	
<ul> <li>Alder &amp; Cottonwood Trees Requiring 1 to 1 Replacement Ratio</li> <li>3 X one (1) = 3</li> <li>All other Trees Requiring 2 to 1 Replacement Ratio</li> </ul>	405
201 X two (2) = 402	450
Replacement Trees Proposed	152
Replacement Trees in Deficit	253
Protected Trees to be Retained in Proposed [Open Space / Riparian Areas]	
Off-Site Trees	Number of Trees
Protected Off-Site Trees to be Removed	
Total Replacement Trees Required:	
- Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio	
0 X one (1) = 0	
- All other Trees Requiring 2 to 1 Replacement Ratio	
X two (2) =	
Replacement Trees Proposed	0
Replacement Trees in Deficit	0
Summary prepared and	Feb 29, 2016

Summary prepared and submitted by:

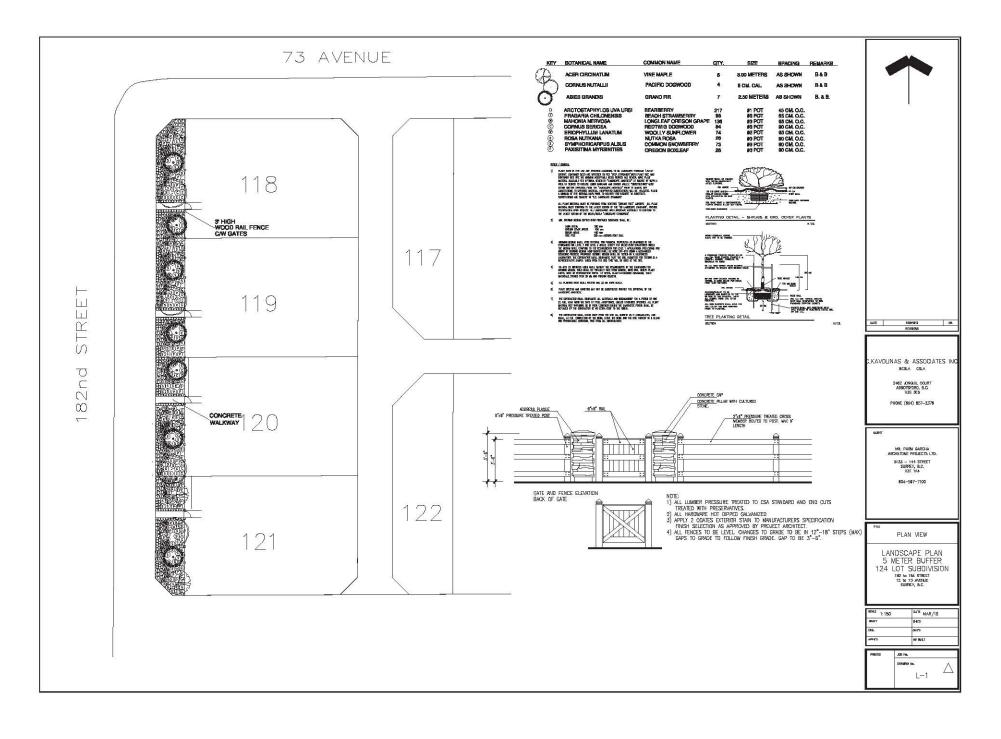
Arborist

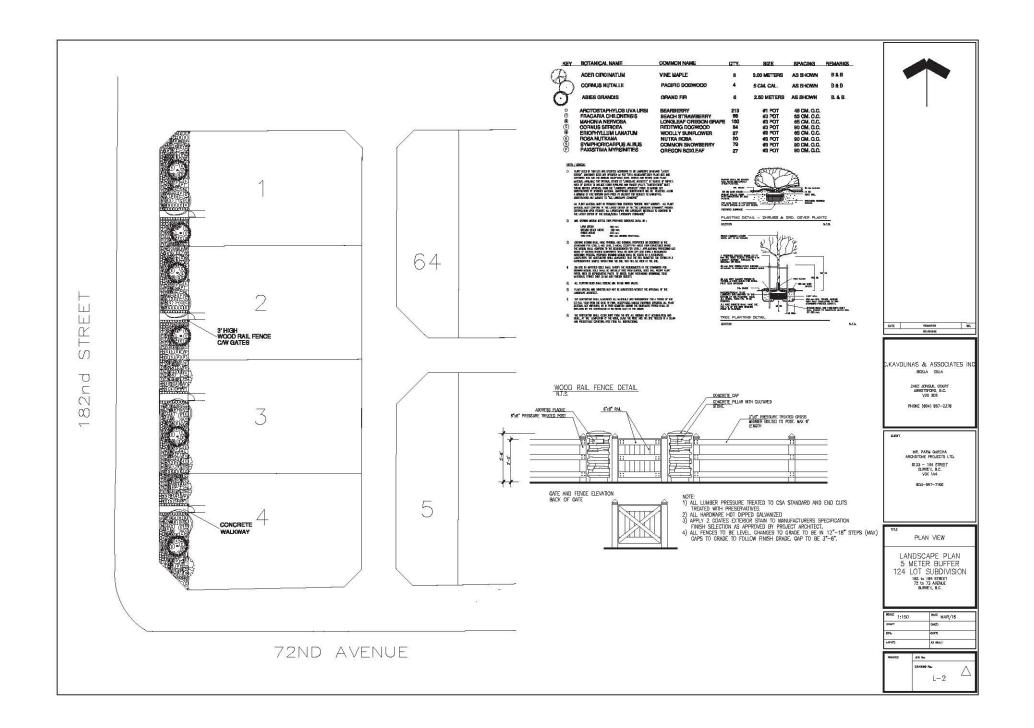
Date





### Appendix VII







# Cloverdale Community Association

Website: www.cloverdalecommunity.org

April 26, 2016

Christopher Atkins City of Surrey Planning and Development Department 13450-104 Avenue Surrey BC V3T 1V8

# <u>Re: 7916-0010-00 / 7263-184 Street and 18225, 18241, 18259, 18281, 18311, 18341, 18355-72 Avenue and 18222, 18260, 18284, 18320, 18360-73 Avenue and 7236-182 Street</u>

Dear Mr. Atkins:

The Cloverdale Community Association (CCA) has received the preliminary notice for the proposed development noted above.

When we read that the developer was proposing 136 lots, we were very concerned about parking and school accommodation for the potentially additional students. The developer contacted us as they were fully aware we were going to have concerns with their proposal. We had further discussions to resolve the parking issues and potential schooling issues. After our discussions, we were pleased to hear that the developer agreed to provide a full driveway where two cars can be parked side-by-side, a two vehicle tandem parking and a large garage. Having said this, we would like to create a balanced, sustainable neighbourhood and therefore, we would like the following concerns/comments addressed and/or adhered to:

- 1. We would like to see all the roads widened to accommodate sidewalks on both sides, Green Boulevard with trees and grass and double-sided parking.
- 2. We also require a restrictive covenant to be placed on all the lots to ensure that the garage sizes, driveway locations, parking pads (if any) and their locations do not change or <u>purposely get skipped after the</u> <u>project receives final approval</u> as per the attached house layout including the garage. If a restrictive covenant is not possible, we expect that the final building scheme documentation will include our requirements as noted in this letter and as per the attached agreed house layout including the garage.
- 3. With the addition of these 136 lots in the neighborhood, we would like reassurances that the current schools in the catchment area will be able to accommodate the additional students.

Furthermore, while the lots are going to be zoned as RF10, the proposed lot widths are 9 meters wide which are similar to the old RF9 zoned lots. This type of lot width seems deceptive, a workaround to the RF9 lots which have been put on hold. The City is allowing these types of lot widths but our association will no longer support these proposals in the future. The minimum lot width for a RF10 should be 10 meters and a maximum of 11.99 meters.

Please keep us updated with any changes which may occur after this letter has been received by you.



Cloverdale Community Association

Website: www.cloverdalecommunity.org

We trust the above information is satisfactory and as always, we expect our comments to be added in the planning report and project file for council to review.

Thank you.

Sincerely,

Mike Bola President Cloverdale Community Association 604-318-0381

Cc: Board of Directors



# **Cloverdale Community Association**

Website: www.cloverdalecommunity.org

