

# City of Surrey PLANNING & DEVELOPMENT REPORT Application No.: 7923-0185-00

Planning Report Date: January 29, 2024

### **PROPOSAL:**

 Rezoning from RF to CD (based on RM-70) and RF-10

• Development Permit

• Development Variance Permit

To permit the development of a 6-storey residential building, containing 98 market strata dwelling units, over two (2) levels of underground parking in City Centre as well as a remnant RF-10 lot.

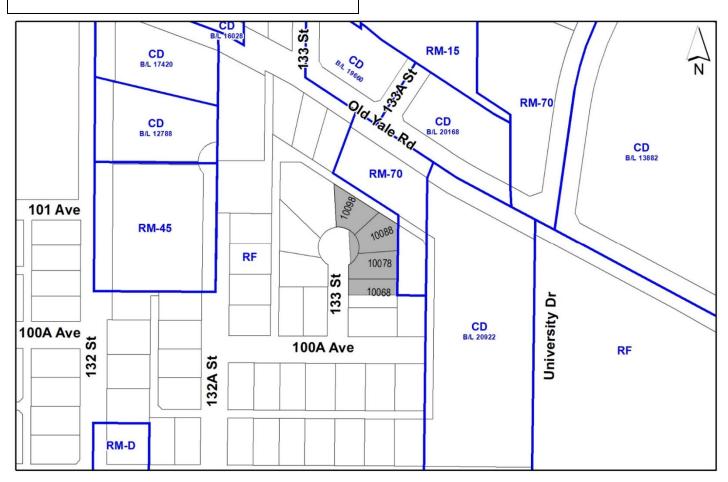
LOCATION: 10068 - 133 Street

10078 - 133 Street
 10088 - 133 Street
 10098 - 133 Street
 Portion of 133 Street

**ZONING:** RF

**OCP DESIGNATION:** Multiple Residential

**CCP DESIGNATION:** Low to Mid Rise Residential



#### **RECOMMENDATION SUMMARY**

- Two (2) rezoning By-laws to proceed to Public Notification. If supported, the By-laws will be brought forward for First, Second, and Third Reading.
- Approval to draft Development Permit for Form and Character.
- Approval for Development Variance Permit to proceed to Public Notification.

#### DEVIATION FROM PLANS, POLICIES OR REGULATIONS

• Proposing to reduce the minimum lot width requirement of the RF-10 Zone for a "Type I - Interior" lot from 9.7 metres to 9.5 metres on proposed Lot 2.

#### RATIONALE OF RECOMMENDATION

- The proposal complies with the General Urban designation in the Metro Vancouver Regional Growth Strategy (RGS).
- The proposal complies with the Multiple Residential designation in the Official Community Plan (OCP).
- In accordance with changes to Section 464 of the <u>Local Government Act</u>, under Bill 44 (2023) a Public Hearing is not permitted for the subject rezoning application as the proposed rezoning is consistent with the OCP. As such, Council is requested to endorse the Public Notification to proceed for the subject Rezoning By-law. The Rezoning By-law will be presented to Council for consideration of First, Second, and Third Reading, after the required Public Notification is complete, with all comments received from the Public Notification presented to Council prior to consideration of the Rezoning By-law readings.
- The proposal complies with the Low to Mid Rise Residential designation in the Surrey City Centre Plan.
- The proposed density, setbacks, and building form are appropriate for this part of Surrey City Centre and served as an appropriate transition between the higher density core to the north and existing single family to the south.
- The subject site is within walking distance (approximately 850 metres) from the Surrey Central SkyTrain Station. As such, the proposed development conforms to the goal of achieving the high-rise, high density development around SkyTrain Stations.
- To complete the subdivision (consolidation), as proposed, the applicant will purchase a 124-square metre portion of the 133 Street cul-de-sac, which is considered to be surplus road allowance and is proposed to be closed and consolidated with the subject site, consistent with the Surrey City Centre Plan.
- The proposed variance will permit the creation of a RF-10 Zoned lot, over which a Section 219 Restrictive Covenant for "No-Build" is to be registered, to facilitate future consolidation and redevelopment with existing lots to the south and south-east under a future development application.

#### RECOMMENDATION

The Planning & Development Department recommends that:

- 1. Council endorse the Public Notification to proceed for a By-law to rezone 10078, 10088 and 10098 133 Street, and the portion of 10068 133 Street shown as Block B on the attached Survey Plan (Appendix I), as well as a portion of the 133 Street cul-de-sac shown as Block A on the attached Survey Plan (Appendix I) from "Single Family Residential Zone (RF)" to "Comprehensive Development Zone (CD)".
- 2. Council endorse the Public Notification to proceed for a By-law to rezone the portion of 10068 133 Street shown as Block C on the attached Survey Plan (Appendix I) from "Single Family Residential Zone (RF)" to "Single Family Residential (10) Zone (RF-10)".
- 3. Council authorize staff to draft Development Permit No. 7923-0185-00 generally in accordance with the attached drawings (Appendix I).
- 4. Council approve Development Variance Permit No. 7923-0185-00 (Appendix VII), to reduce the minimum lot width for a "Type I Interior" lot under the RF-10 Zone from 9.7 metres to 9.5 metres on proposed Lot 2, to proceed to Public Notification.
- 5. 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 plan to the satisfaction of the Approving Officer;
  - (c) resolution of all urban design issues to the satisfaction of the Planning and Development Department;
  - (d) submission of a finalized landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
  - (e) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
  - (f) provision of cash-in-lieu contribution to satisfy the indoor amenity space requirement of the RM-70 Zone, at the rate in effect at the time of Final Adoption;
  - (g) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department;
  - (h) completion of the road closure and acquisition of a portion of 133 Street cul-de-sac;
  - (i) registration of a Section 219 Restrictive Covenant for No-Build over proposed Lot 2 for future consolidation with adjacent lots (10056/10058 100A Avenue and 13327 100A Avenue) and redevelopment under a future land development application;

- (j) registration of a right-of-way for public rights-of-passage for the proposed public plaza area on proposed Lot 1; and
- (k) registration of a Section 219 Restrictive Covenant to adequately address the City's needs with respect to public art, to the satisfaction of the General Manager Parks, Recreation and Culture and with respect to the City's Affordable Housing Strategy and Tier 1 Capital Project CACs, to the satisfaction of the General Manager, Planning & Development Services on proposed Lot 1.

#### **SITE CONTEXT & BACKGROUND**

Direction	Existing Use	City Centre Designation	<b>Existing Zone</b>
Subject Site	Existing single family lots.	Low to Mid Rise Residential	RF
North (Across Lane):	4-storey residential building containing 51 dwelling units (Yale House)	Low to Mid Rise Residential	RM-70
East:	Two-storey amenity building associated with Yale House and single family lot.	Low to Mid Rise Residential	RM-70 and RF
South:	Existing duplex on single family lot.	Low to Mid Rise Residential	RF
West (Across 133 Street):	Existing single family lots under Application Nos. 7919- 0096-00 (3 <sup>rd</sup> Reading) and 7921- 0090-00 (3 <sup>rd</sup> Reading) for two 6-storey buildings.	Low to Mid Rise Residential	RF

#### **Context & Background**

- The 2,847-square metre subject site consists of four (4) properties on the east side of the 133 Street cul-de-sac, north of 100A Avenue, in the West Village District of Surrey City Centre.
- The subject site is designated "Multiple Residential" in the Official Community Plan (OCP), "Low to Mid Rise Residential" in the Surrey City Centre Plan, and currently zoned "Single Family Residential (RF)".
- The existing single family dwellings have access from 133 Street; however, all existing buildings and structures are to be demolished as part of the subject development application.
- The applicant has worked extensively with City staff to ensure that the proposed lot consolidation and redevelopment proposal does not negatively impact the redevelopment potential of adjacent lots in this portion of Surrey City Centre. As such, the applicant has agreed to the registration of a Section 219 Restrictive Covenant over a portion of 10068 133 Street (proposed Lot 2) for consolidation with the existing lots to the south (10056/10058 133 Street) and east (13327 100A Avenue) and redevelopment under a future land development application.

#### **DEVELOPMENT PROPOSAL**

# **Planning Considerations**

- In order to permit the development of a 6-storey residential building, containing 98 residential units over two (2) levels of underground parking, in the West Village District of Surrey City Centre as well as one (1) remnant RF-10 Zone lot the applicant will require the following:
  - o **Rezoning** from RF to CD (based on RM-70) and RF-10;
  - o **Development Permit** for Form and Character;
  - o Development Variance Permit; and
  - **Subdivision (Consolidation)** from four (4) lots, and a portion of the 133 Street cul-desac, to one (1) multiple residential lot and one (1) remnant RF-10 Zone lot.

Lot 1 (CD) Only	Proposed
Lot Area	
Gross Site Area:	2,516.67 square metres
Road Closure/Consolidation:	123.55 square metres
Road Dedication:	325.94 square metres
Net Site Area:	2,314.28 square metres
Number of Lots:	1
Building Height:	6 storeys / 20 metres
Floor Area Ratio (FAR):	2.50 (Gross); 2.72 (Net)
Floor Area	
Residential:	6,431.38 square metres
Indoor Amenity Space:	148.94 square metres
Total:	6,282.44 square metres
Residential Units:	
Studio:	5 dwelling units (5.1% of total units)
1-Bedroom:	64 dwelling units (65.3% of total units)
2-Bedroom:	18 dwelling units (18.4% of total units)
3-Bedroom:	11 dwelling units (11.2% of total units)
Total:	98 dwelling units

Lot 2 (RF-10) Only	Proposed
Lot Area	·
Gross Site Area:	353.5 square metres
Road Dedication:	23.1 square metres
Net Site Area:	330.4 square metres
Number of Lots:	1
Unit Density:	30.2 units per hectare (UPH)
Lot Area:	330.4 square metres
Lot Width:	9.5 metres
Lot Depth:	36.6 metres

#### Referrals

Engineering: The Engineering Department has no objection to the project

subject to the completion of Engineering servicing requirements as

outlined in Appendix II.

School District: The School District has advised that there will be

approximately 13 school-age children generated by this development, of which the School District has provided the

following expected student enrollment.

8 Elementary students at Old Yale Road Elementary School 3 Secondary students at Kwantlen Park Secondary School

(Appendix III)

Note that the number of school-age children is greater than the expected enrollment due to students attending private schools, home school or different school districts.

The applicant has advised that the dwelling units in this project are expected to be constructed and ready for occupancy by Q2 2026.

Parks, Recreation & Culture (PRC):

No concerns. PRC agrees to the removal of one (1) City tree to accommodate the proposed development and will require compensation at 2 to 1 replacement ratio to be collected through the Green City Program.

The closest active park is Holland Park and is 450 metres walking distance away, and the closest natural area is 22G-Greenbelt and is 1.2 kilometres walking distance away.

Surrey Fire Department:

The Surrey Fire Department has no concerns with the proposed development. However, there are some items to be addressed as part of the subsequent Building Permit application.

Advisory Design Panel:

At the Regular Council – Land Use meeting on December 18, 2023, Council endorsed Corporate Report No. R214 (2023) which amended the Terms of Reference of the City's Advisory Design Panel (ADP) which permits multi-family proposals that are 6-storeys or less to proceed to Council for By-law introduction, without review and/or comment from the ADP, provided that the proposal is generally supported by City staff.

The subject development proposal is generally supported by City staff and the applicant has agreed to resolve any outstanding items, to the satisfaction of the Planning and Development Department, prior to consideration of Final Adoption of the Rezoning By-law as well as issuance of the Development Permit.

### **Transportation Considerations**

#### Road Network and Infrastructure:

- The applicant will be required to provide the following road dedication and improvements as part of the subject application:
  - Dedication and construction of 133 Street to the Local Road Standard, which is planned to ultimately connect to Old Yale Road; and
  - Construction of the lane along the north side of the subject site to Residential Lane Standard.
- As part of the subject application the applicant is proposing to close and acquire a 123.55-square metre portion of the existing 133 Street cul-de-sac in order to incorporate this portion of the road with the subject site (see Survey Block Plan in Appendix I for details). As 133 Stret is planned to extend west and north the cul-de-sac turnaround area is no longer required. Sufficient width will be maintained to achieve the City Centre Local Road Standard as part of the subject application.

### **Traffic Impacts:**

• The proposed development is anticipated to generate one (1) vehicle everyone one (1) to two (2) minutes in the peak hour, according to industry standard rates. A site-specific Transportation Impact Analysis ("TIA") is not required as the proposal is consistent with the Surrey City Centre Plan and is below the City's requirement threshold.

### **Access and Parking:**

- The proposed development is to be accessed from the existing lane to the north of the subject site
- The applicant is proposing 88 residential spaces and 10 visitor spaces (98 total off-street parking spaces) on the subject site, equivalent to a rate of 0.9 residential parking spaces per dwelling unit and 0.1 visitor spaces per dwelling unit, which complies with the Zoning Bylaw requirement.

### <u>Transit and/or Active Transportation Routes</u>

- The subject site is located approximately 800 metres walking distance from the Surrey Central SkyTrain Station.
- The subject site is approximately 125 metres from the future BC Parkway multi-use pathway, which will run north along University Drive and south-east along Old Yale Road.

### **Sustainability Considerations**

• The applicant has met all of the typical sustainable development criteria, as indicated in the Sustainable Development Checklist.

#### **POLICY & BY-LAW CONSIDERATIONS**

## **Regional Growth Strategy**

• The proposed development complies with the "General Urban" designation of the subject site under Metro Vancouver's *Regional Growth Strategy, Metro* 2050.

### **Official Community Plan**

#### Land Use Designation

• The proposed development complies with the "Multiple Residential" of the subject site under the Official Community Plan (OCP), which supports higher-density residential developments up to 2.5 FAR in the City Centre Plan area.

#### Themes/Policies

- The proposal is consistent with the following OCP Themes/Policies:
  - Support compact and efficient land development that is consistent with the Metro Vancouver Regional Growth Strategy (A1.1);
  - Accommodate higher density development in Surrey's City Centre and near Frequent Transit Corridors at densities sufficient to encourage commercial development and transit service expansion (A2.1);
  - Encourage development in urban neighbourhoods to utilize existing infrastructure and amenities as well as implement improvements to the public realm (A<sub>3.1</sub>-A<sub>3.2</sub>);
  - Create an interconnected, short-block, finer-grained network of public streets and green lanes in Surrey's City Centre to support direct, pleasing, and safe pedestrian and bicycle movements as well as to distribute traffic efficiently (B1.22);
  - o Implement high architectural and urban design standards with Surrey's City Centre, and create a public realm that is safe, beautiful, active, and vibrant (B1.28);
  - O Develop complete, accessible, and walkable green neighbourhoods with sufficient densities to support a high-quality transit system that is accessible to most residents (B4.3); and
  - Promote affordable family housing in City Centre be encouraging a mix of unit types, including two-bedroom and three-bedroom units, in new developments (F<sub>3.1</sub>).

# **Secondary Plans**

#### <u>Land Use Designation</u>

• The proposed development complies with the "Low to Mid Rise Residential" designation of the subject site under the City Centre Plan.

## CD By-law

- The applicant is proposing a "Comprehensive Development Zone (CD)" to accommodate a proposed 6-storey residential building on the subject site. The proposed CD By-law for the proposed development site identifies the uses, densities and setbacks proposed. The CD By-law will have provisions based on the "Multiple Residential 70 Zone (RM-70)".
- A comparison of the density, lot coverage, setbacks, building height and permitted uses in the RM-70 Zone and the proposed CD By-law is illustrated in the following table:

Zoning	RM-70 Zone (Part 24)	Proposed CD Zone
Unit Density:	N/A	N/A
Floor Area Ratio:	1.50	2.72
Lot Coverage:	33%	50%
Yards and Setbacks	7.5 metres from all lot lines	North: 4.5 metres East: 3.0 metres South: 3.0 metres West: 4.5 metres
Principal Building Height:	50 metres	20 metres
Permitted Uses:	<ul> <li>Multiple unit         residential buildings</li> <li>Ground-oriented         multiple unit         residential buildings</li> <li>Child care centres</li> </ul>	Multiple unit residential buildings.
Amenity Space		
Indoor Amenity:	3 sq.m. per dwelling unit	The proposed 147 m <sup>2</sup> + CIL meets the Zoning By-law requirement.
Outdoor Amenity:	3 sq.m. per dwelling unit	The proposed 339 m² meets the Zoning By-law requirement.
Parking (Part 5)	Required	Proposed
Number of Spaces		T
Residential:	88 parking spaces	88 parking spaces
Residential Visitor:	10 parking spaces	10 parking spaces
Total:	98 parking spaces	98 parking spaces
Accessible:	2 accessible spaces	3 accessible spaces
Bicycle Spaces		
Residential:	118 bicycle spaces	118 bicycle spaces
Residential Visitor:	6 bicycle spaces	6 bicycle spaces

- If calculated based on the gross site area, minus that portion of 10068 133 Street over which a Section 219 Restrictive Covenant for No-Build for future consolidation with the lot to the south (proposed Lot 2), the overall floor area ratio (FAR) is 2.46 which complies with the maximum permitted 2.50 FAR for "Multiple Residential" designated properties in Surrey City Centre as well as the "Low to Mid Rise Residential" designation in the Surrey City Centre Plan. If calculated on the net site area, the overall FAR is 2.67. As a result, the net site area has been increased from 1.50 under the RM-70 Zone to a maximum of 2.67 (net) in the CD By-law.
- The maximum lot coverage has been increased from 33% in the RMo-70 Zone to a maximum of 50% in the proposed CD By-law in order to accommodate the proposed development.
- The proposal to reduce the minimum building setbacks is supported given that it provides a more urban, pedestrian-oriented streetscape along 133 Street and generally complies with previously supported setback reductions on in-stream development applications in the immediate area.
- As per Sub-section A.3.(d) of Part 5 "Off Street Parking and Loading/Unloading" in the Surrey Zoning Bylaw no parking facilities can be constructed within 2.0 metres of the front lot line or the lot line along a flanking street. The proposed underground parkade will be located a minimum of 0.5 metres from the north and west lot lines and 0.0 metres from the south and east lot lines. As a result, the proposed CD By-law will include provisions that allow for the underground parking facility to extend to within 0.5-metre to 0.0-metre of the lot lines.

## Lot Width Variance (Proposed Lot 2)

- The applicant is proposing the following variance:
  - o Reduce the minimum lot width requirement of the RF-10 Zone for a Type I Interior lot from 9.7 metres to 9.5 metres for proposed Lot 2.
- The proposed variance will permit the creation of a RF-10 Zone lot, over which a Section 219 Restrictive Covenant for "No-Build" is to be registered, to facilitate future consolidation and redevelopment with existing lots to the south and south-east under a future development application.
- Staff support the proposed variance to proceed to Public Notification.

# **Capital Projects Community Amenity Contributions (CACs)**

- On December 16, 2019, Council approved the City's Community Amenity Contribution and Density Bonus Program Update (Corporate Report No. R224; 2019). The intent of that report was to introduce a new City-wide Community Amenity Contribution (CAC) and updated Density Bonus Policy to offset the impacts of growth from development and to provide additional funding for community capital projects identified in the City's Annual Five-Year Capital Financial Plan. A fee update has been approved in April 2023, under Corporate Report No.R037; 2023.
- The proposed development will be subject to the Tier 1 Capital Plan Project CACs. The contribution will be payable at the rate applicable at the time of Building Permit issuance with the current rate being \$2,136 per dwelling unit.

• The proposed development will not be subject to the Tier 2 Capital Plan Project CACs as the proposal complies with the densities in both the OCP and Surrey Centre Plan designations.

### Affordable Housing Strategy

- On April 9, 2018, Council approved the City's Affordable Housing Strategy (Corporate Report No. Ro66; 2018) requiring that all new rezoning applications for residential development contribute \$1,068 per new dwelling unit to support the development of new affordable housing. The funds collected through the Affordable Housing Contribution will be used to purchase land for new affordable rental housing projects.
- The applicant will be required to register a Section 219 Restrictive Covenant to address the City's needs with respect to the City's Affordable Housing Strategy.

### **Public Art Policy**

• The applicant will be required to provide public art, or register a Restrictive Covenant agreeing to provide cash-in-lieu, at a rate of 0.5% of construction value, to adequately address the City's needs with respect to public art, in accordance with the City's Public Art Policy requirements. The applicant will be required to resolve this requirement prior to consideration of Final Adoption.

#### PUBLIC ENGAGEMENT

• Pre-notification letters were sent on September 28, 2023, and the Development Proposal Signs were installed on October 10, 2023. To date, staff have received no responses from neighbouring residents or businesses with respect to the subject development proposal.

#### **DEVELOPMENT PERMITS**

#### Form and Character Development Permit Requirement

- The proposed development is subject to a Development Permit for Form and Character and is also subject to the urban design guidelines in the Surrey City Centre Plan.
- The proposed development generally complies with the Form and Character Development Permit guidelines in the OCP and the design guidelines in the Surrey City Centre Plan.
- The applicant has worked with staff to:
  - Ensure appropriate lot consolidation in order to provide sufficient development opportunities for adjacent lots in this section of 100A Avenue and 133 Street;
  - Design an appropriate response to a sloping site, including the refinement of perimeter grading and on-site transitioning;
  - Refinement of the proposed materials and design elements in order to further differentiate the proposed building from other in-stream applications in the immediate area, while maintaining a shared architectural 'language'; and
  - Establishing a pedestrian walkway and boulevard adjacent to the existing lane to the north of the subject site.

- The applicant is proposing a 6-storey residential building containing 98 dwelling units over two (2) levels of underground parking. The proposed unit mix consists of 5 studio, 64 one-bedroom, 18 two-bedroom, and 11 three-bedroom units, which range in size from 36 square metres to 83 square metres.
- Ten (10) of the proposed units will be considered adaptable with respect to BC Building Code requirements.
- The proposed 6-storey apartment building incorporates both building massing and design aesthetics that are generally in accordance with the vision for this part of Surrey City Centre. This area (West Village) is envisioned as a mid-to-high density, green urban village connected with fine-grained pedestrian walkways, green lanes, plazas, and open space areas.
- The applicant proposes a contemporary, rectilinear building façade articulated by the interplay of extruded frames, clad in horizontal fibre cementitious boards (cedar) and panels (night gray), as well as the use of brick to delineate a two-storey "townhouse expression" on the street-facing facades.
- The lobby entrance, located at the south-west corner of the subject site adjacent to 133 Street, is accentuated by extensive glazing as well as a one-storey cedar clad trellis supporting integrated weather protection.

## Landscaping

- The landscape plans include a mixture of trees, shrubs, and groundcover to be planted throughout the subject site, as well as extensive hardscaping, lighting, fencing and furniture.
- Street-facing, ground-level dwelling units have access to a semi-private patio space which are screened via a combination of low, landscaped retaining walls, low-lying shrubs, and individual trees. Each patio can be accessed either through the dwelling unit or via a gated entrance from the public sidewalk.
- See the Outdoor Amenity section below regarding landscaping in association with the proposed on-site outdoor amenity space areas.

### **Indoor Amenity**

- The Zoning Bylaw requires the applicant to provide a minimum of 3 square metres per dwelling unit. The Zoning Bylaw also prescribes the minimum indoor amenity space requirement that must be provided on site with a cash-in-lieu option to address the remaining requirement.
- Based upon the City's Zoning Bylaw requirement, the proposed development must provide 294 square metres of indoor amenity space to serve the residents of the proposed 98-unit apartment building. Of this 294-square metre requirement, a minimum of 74 square metres of indoor amenity space must be provided on-site and the remaining indoor amenity space requirement can be addressed through cash-in-lieu.

- The applicant is proposing 147 square metres of indoor amenity space, which is less than the 294- square metre total indoor amenity space requirement for the project but which exceeds the minimum on-site requirement for 74 square metres.
- The applicant has agreed to provide a monetary contribution of \$150,000 (based on \$3,000 per unit, however, the cash-in-lieu contribution must be paid at the rate in effect at the time of Final Adoption of the Rezoning By-law) to address the remaining shortfall in the required indoor amenity space, in accordance with Council Policy No. O-48, as amended.
- The applicant is proposing a fitness studio as well as a lounge space on the ground floor, directly adjacent to the proposed outdoor amenity space.

### Outdoor Amenity

- The Zoning Bylaw requires the applicant to provide a minimum of 3 square metres per dwelling unit. Based on the City's Zoning Bylaw requirement, the proposed development must provide a total of 294 square metres of outdoor amenity space to serve the residents of the proposed 98-unit apartment building.
- The applicant is proposing 339 square metres of outdoor amenity space, thereby exceeding the minimum Zoning Bylaw requirement.
- The applicant is proposing a large at-grade outdoor amenity area directly adjacent to the proposed indoor amenity area, containing urban agriculture boxes, a variety of semi-private seating areas, a shared outdoor kitchen and dining area and children's play area, as well as a publicly accessible plaza at the north-west corner of the subject site.

### **Outstanding Items**

- There are a limited number of Urban Design items that remain outstanding, and which do not affect the overall character or quality of the project. These generally include:
  - Refinement of the public realm interfaces and landscape concept, particularly the east and south lot interfaces, as it relates to on-site grading, retaining walls and drainage.
  - o Design development of balcony balustrade expression.

#### **TREES**

 Lucian Serban, ISA Certified Arborist of McElhanney Ltd., prepared an Arborist Assessment for the subject property. The table below provides a summary of the proposed tree retention and removal by tree species:

**Table 1: Summary of Proposed Tree Preservation by Tree Species:** 

Tree Species Existing Remove Retain							
Tree species	EX	isting	Keillove	Ketaiii			
Deciduous Trees							
Cherry		1	1	0			
Horse Chestnut		1	1	0			
	Conifer	ous Trees					
Cypress		1	1	0			
Douglas-fir		2	1	1			
Hemlock		1	1	0			
Spruce		4	4	0			
Western Red Cedar		1	1	0			
Total	11		10	1			
Total Replacement Trees Proposed (excluding Boulevard Street Trees)							
Total Retained and Replacement Trees Proposed			27				
Estimated Contribution to the Green Program		Not require	d				

- The Arborist Assessment states that there are a total of eleven (11) protected trees on the site. There are no Alder or Cottonwood trees on the site. The applicant proposes to retain one (1) tree as part of this development proposal; specifically, within that portion comprising proposed Lot 2 falling within 10068 133 Street over which a Section 219 Restrictive Covenant for No-Build is proposed to be registered. The proposed tree retention was assessed taking into consideration the location of services, building footprints, road dedication and proposed lot grading.
- For those trees that cannot be retained, the applicant will be required to plant trees on a 2 to 1 replacement ratio. This will require a total of twenty (20) replacement trees on the site. The applicant is proposing twenty-six (26) replacement trees, exceeding City requirements.
- In addition to the replacement trees, boulevard street trees will be planted on 133 Street. This will be determined by the Engineering Department during the servicing design review process.
- The new trees proposed on the site will consist of Columnar Red Japanese Maple, Pink Star Magnolia, Bruns Serbian Spruce, and Ivory Silk Japanese Lilac.

• In summary, a total of 27 trees are proposed to be retained or replaced on the site with no contribution to the Green City Program required.

### **CITY ENERGY**

- The subject site is located within Service Area B, as defined in the "City Centre District Energy System By-law" (see Appendix VI for details). The District Energy (DE) System consists of three primary components:
  - o Community energy centres, city operated facilities that generate thermal heat energy for distribution through a piped hot water network;
  - Distribution piping that links the community energy centres with buildings connected to the system; and
  - City-owned Energy Transfer Stations (ETS) located within the building connected to the system. The ETS transfers heat energy from the distribution system to the building's mechanical system, and is used to meter the amount of energy used.
- All new developments within Service Area B with a build-out FAR between 1.0 and 2.5 will be required to incorporate hydronic thermal energy systems to allow for future connection to the City's district energy system but will not be required to utilize hydronic systems for space heating within individual residential units. Hydronic systems will be required for all other space heating and hot water heating in the building.
- It should be noted that heat generation equipment (e.g. boilers) will need to be provided by the developer until such time as the development can be connected to the DE system.
- It should also be noted that the project is required to be compatible for a future connection to the City's DE System.
- In order to avoid conflicts between the DE System and other utilities, the location of the ETS and related service connections are confirmed by Engineering and the applicant at the servicing agreement stage. The Engineering Department also requires the applicant to register a statutory right-of-way and Section 219 Restrictive Covenant over the subject site for City access to, and maintenance and operation of, the ETS and to prevent conflicts with other utilities.
- Prior to the issuance of a building permit, the Engineering Department must confirm that the applicant has met the requirements of the "City Centre District Energy System By-law".

### INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

Appendix I. Survey Block Plan, Proposed Subdivision Layout, Site Plan, Building Elevations,

Landscape Plans and Perspective

Appendix II. Engineering Summary
Appendix III. School District Comments

Appendix IV. Summary of Tree Survey, Tree Preservation and Tree Plans

Appendix V. Surrey City Centre Plan Appendix VI. District Energy Map

Appendix VII. Development Variance Permit No. 7923-0185-00

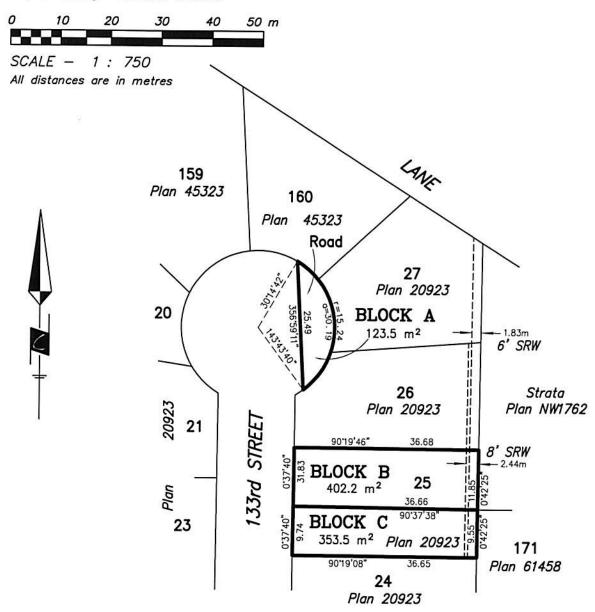
approved by Ron Gill

Don Luymes General Manager Planning and Development

CL/ar

SURVEY PLAN TO ACCOMPANY CITY OF SURREY REZONING BYLAW NO. \_\_\_\_ OF LOT 25 PLAN 20923, AND PART ROAD DEDICATED ON PLAN 20923; ALL OF SECTION 27, BLOCK 5 NORTH, RANGE 2 WEST, NEW WESTMINSTER DISTRICT

City of Surrey B.C.G.S. 92G.016



Cameron Land Surveying Ltd. B.C. Land Surveyors Unit 234 - 18525-53rd Avenue Surrey, B.C. V3S 7A4

Phone: 604-597-3777 File: 8507-Block

SEAN Costello Sean Costello,
This plan lies within the Metro Vancouver Regional District Certified correct to survey dated Ethis 23rd day of January, 2024.

Sean Costello, B.C.L.S

PROJECT SUMMARY:

CITY CENTRE FAST - 133 ST SURREY BC PROJECT NAME

PROJECT OWNER/DEVELOPER:

Zenterra Developments Ltd #216 - 2630 Croydon Drive, Surrey, BC, V3Z 6T3 T 778 945 2050

PROJECT ARCHITECT:

Steve Watt, Integra Architecture Inc., 2330 - 200 Granville Street, Vancouver, BC, V6C 1S4 T 604 688 4220

10068/10078/10088/10098 133 Street, Surrey, BC PROJECT ADDRESS:

LEGAL DESCRIPTION: Lot 25, 26 and 27 Plan 20923

Lot 160, Plan 42353, All of section 27, Block 5 North Lot 23, Block 13&14, Sec 27, Range 2, Plan NWP20923 NWD

ZONING: Existing Zoning: Proposed Zoning: NCP designation:

CD [Based on RM-135]

Multiple Residential

OCP designation: Applicable Plans: Surrey City Centre Plan - West Village

SITE AREA

Gross site area [Existing Lots]*	0.7035 Acres	Total 30,645.22 SF	2,847.03 m <sup>2</sup>
Land Set Aside for Neighbouring Development [RF-13 Lot 2]	0.0816 Acres	Total 3,555.97 SF	330.36 m2
Development Gross Area (Lot 1) **	0.6219 Acres	Total 27,089.25 SF	2,516.67 m <sup>2</sup>
Estimated Dedications*	0.0805 Acres	Total 3,508.42 SF	325.94 m <sup>2</sup>
Land purchase	0.0305 Acres	Total 1,329.84 SF	123.55 m <sup>2</sup>
Total Net site area*	0.5719 Acres	Total 24,910.67 SF	2,314.28 m <sup>2</sup>

<sup>\*</sup> BASED ON CURRENT PROPERTY LINES - To be confirmed by survey

\*\* Development Gross Area is the existing lots minus the set aside land to generate the permited FAR

#### TOTAL GFA:

Building	No. Res. Units	GROSS FLOOR AREA (SF)	GROSS FLOOR AREA (m²)	COMMON AREAS	FLOOR AREA NET (SF)	NET FLOOR AREA (m²)	
LEVEL P2*	0	23,516.57	2,184.76	0.00	23,516.57	2,184.76	*EXCLUDED FROM F.
LEVEL P1*	0	23,516.57	2,184.76	0.00	23,516.57	2,184.76	*EXCLUDED FROM FA
TOTAL AREA BELOW GRADE*	0	47,033.14	4,369.52	0.00	47,033.14	4,369.52	*EXCLUDED FROM FA
LEVEL 1	13	11,172.16	1,037.93	3,487.27	7,684.89	713.95	
LEVEL 2	17	11,610.90	1,078.69	1,336.55	10,274.35	954.52	
LEVEL 3	17	11,610.90	1,078.69	1,336.55	10,274.35	954.52	i
LEVEL 4	17	11,610.90	1,078.69	1,336.55	10,274.35	954.52	
LEVEL 5	17	11,610.90	1,078.69	1,336.55	10,274.35	954.52	
LEVEL 6	17	11,610.90	1,078.69	1,336.55	10,274.35	954.52	
TOTAL AREA ABOVE GRADE	98	69,226.66	6,431.37	10,170.02	59,056.64	5,486.54	85%

FLOOR AREA RATIO: (Based off of "TOTAL AREA ABOVE GRADE")						
Gross Floor Area Proposed		_	69,226.66 SF	6,431.37 m²		
FAR Exclusions	Indoor Amenity		1,603.19 SF	148.94 m²		
Proposed FAR [Calculated on Gross Ar	rea]	2.50 FAR	67,623.47 SF	6,282.43 m²		
Permitted FAR Maximum		2.50 FAR	67.723.13 SF	6.291.68 m <sup>2</sup>		

Proposed FAR [Calculated on Net Area] 2.71 FAR 67.623.47 SF 6.282.43 m<sup>2</sup>

Unit Areas (Measured area to exterior wall included)

Unit Types	1st	2nd	3rd	4th	5th 6th	Rth Total	6th Total	Un	it Area	Min. Bak	cony Area	Total Uni	t Area	% of all
One Types	135	2110	old.		561	Out.		SF	m2	SF	m2	SF	m <sup>2</sup>	Units
UNIT A2	0	1	1	1	1	1	5	395.79	36.77	49.50	4.60	1,978.95	183.85	5.1%
UNIT A3	0	1	1	1	1	1	5	455.91	42.36	49.50	4.60	2,279.55	211.78	5.1%
UNIT A3*	1	0	0	0	0	0	1	447.05	41.53	49.50	4.60	447.05	41.53	1.0%
UNIT A5 - ADAPTABLE	0	1	1	1	1	1	5	534.37	49.64	49.50	4.60	2,671.85	248.22	5.1%
UNIT A5* - ADAPTABLE	0	1	1	1	1	1	5	527.72	49.03	49.50	4.60	2,638.60	245.13	5.1%
UNIT 40	1	1	1	1	1	1	6	521.97	48.49	49.50	4.60	3,131.82	290.95	6.1%
UNIT A41	0	4	4	4	4	4	20	552.39	51.32	49.50	4.60	11,047.80	1,026.37	20.4%
UNIT A41*	4	0	0	0	0	0	4	527.69	49.02	49.50	4.60	2,110.76	196.09	4.1%
UNIT A41**	1	0	0	0	0	0	1	531.78	49.40	49.50	4.60	531.78	49.40	1.0%
A43	0	1	1	1	1	1	5	546.33	50.76	49.50	4.60	2,731.65	253.78	5.1%
UNIT A43**	1	0	0	0	0	0	1	513.77	47.73	49.50	4.60	513.77	47.73	1.0%
UNIT A45	0	1	1	1	1	1	5	524.92	48.77	49.50	4.60	2,624.60	243.83	5.1%
UNIT A45*	1	1	1	1	1	1	6	540.99	50.26	49.50	4.60	3,245.94	301.56	6.1%
UNIT C*	0	1	1	1	1	1	5	751.50	69.82	49.50	4.60	3,757.50	349.08	5.1%
UNIT C1	1	1	1	1	1	1	6	730.59	67.87	49.50	4.60	4,383.54	407.24	6.1%
UNIT C2	0	1	1	1	1	1	5	892.10	82.88	49.50	4.60	4,460.50	414.39	5.1%
UNIT C2**	1	0	0	0	0	0	1	778.34	72.31	49.50	4.60	778.34	72.31	1.0%
UNIT C3	1	1	1	1	1	1	6	789.96	73.39	49.50	4.60	4,739.76	440.33	6.1%
UNIT C4	0	1	1	1	1	1	5	841.98	78.22	49.50	4.60	4,209.90	391.11	5.1%
UNIT C4*	1	0	0	0	0	0	1	831.45	77.24	49.50	4.60	831.45	77.24	1.0%
Total	13	17	17	17	17	17	98	12,236.6	1,136.81	990.00	91.97	59,115.11	5,491.93	100%
<u> </u>		603.22 Average Unit size												

	Number of Units	Total Unit Area		% of all	% Of Area	
		SF	m <sup>2</sup>	Units	A OI AIGE	
Studio Unit	5	1,978.95	183.85	5%	3%	
1 Bedroom Unit	16	8,037.05	746.66	16%	14%	
1 Bedroom + Nook Units	43	23,206.47	2,155.93	44%	39%	
1 Bedroom + Den Units	5	2,731.65	253.78	5%	5%	
2 Bedroom Units	18	13,659.14	1,268.97	18%	23%	
3 Bedroom Units	11	9,501.85	882.74	11%	16%	
Total Unit Areas (Sellable)	98	59,115.11	5,491.93	100%	100%	

ADAPTABLE UNITS:

EQUIRED	10%	10 units	
ROVIDED	10%	10 units	

INDOOR AMENITY:

REQUIRED [minimum as per General Provisions Part 4 [B] 1.(b) before cash in lieu]				
REQUIRED	98 Units @	3.00 Sq/m per Unit	3163.44 SF	294.00 m <sup>2</sup>
PROVIDED	98 Units @	1.50 Sq/m per Unit	1,577.70 SF	146.63 m <sup>2</sup>

OUTDOOR AMENITY:

REQUIRED	98 Units @	3.00 Sq/m per Unit	3163.44 SF	294.
PROVIDED LEVEL 1	98 Units @	3.46 Sq/m per Unit	3650.02 SF	339.
OUTDOOR AMENITY AREA			3089.86 SF	287.
PUBLIC PLAZA			560.16 SF	52.
PARKING REQUIRED:				
Resident Parking	98 Units @	0.90 Stalls per Unit	88	
Visitor Parking	98 Units @	0.10 Stalls per Unit	10	
Total Parking Required:	98 Units @	1.00 Stalls per Unit	98	
PARKING PROVIDED:				
Resident Parking	98 Units @	0.90 Stalls per Unit	88	
Visitor Parking	98 Units @	0.10 Stalls per Unit	10	
Total Parking Provided:	98 Units @	1.00 Stalls per Unit	98	0
HC Parking Required			2	
50% of required HC parking are required to be Van Accessible stalls				
HC Parking Provided			3	
Small Cars Allowed (35%)			34 3	15%
Small Cars Provided				13%
Small Cars Provided			23 -	.379

LOADING REQUIRED: BICYCLE PARKING:

Bike parking required

6 Spaces 6 Spaces Bike parking proposed 1.80m x 1.20m

Clase II Bike parking required 118 Spaces

Bike parking proposed Horizontal spaces 118 Spaces 79 Spaces Vertical spaces 0.90m x 0.60m 39 Spaces

BUILDING SITE COVERAGE:

Proposed Building Coverage:	11756.83 SF	1092.25 m <sup>2</sup>	
% of Gross Site Area	38.36%		
% of Net Site Area	47.20%		

BUILDING SETBACKS:

4.5m 4.5m Side (Lane) Rear (Adjacent Property) South

"Reduced setbacks to permit entry canopy & balconies (2.37 m)
"Reduced setbacks to permit roof (2.76 m)

6 storeys/ 19.96 m 96.94 m

BUILDING HEIGHT: Proposed Height Average Grade

(Refer to Lot Coverage Plan)

Notes: Note 1: Final areas to be confirmed.

Note 2: Unit areas are measured to the center of partywalfs and to the exterior of sheathing of exterior walfs.

Note 3: The proposed FSR excludes all parking areas, service spaces, parking exits and overheight spaces.

Integra ARCHITECTURE INC.

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#### **Project Data**

22592 [SCALE]

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#### VIEW LOOKING FROM SOUTH-EAST





VIEW LOOKING FROM NORTH-EAST



VIEW LOOKING FROM SOUTH-WEST



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Existing Context

#### - Aerial Perspective

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West Village

Density - 2.5 FAR

Park Creek Buffers Long Term Road

- SkyTrain

--- Proposed Light Rail





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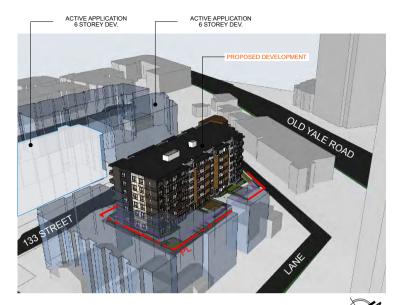
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**Existing Context** and OCP - Site

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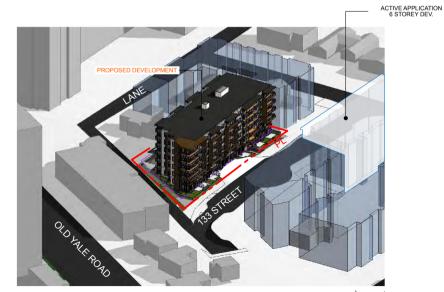
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Looking South East



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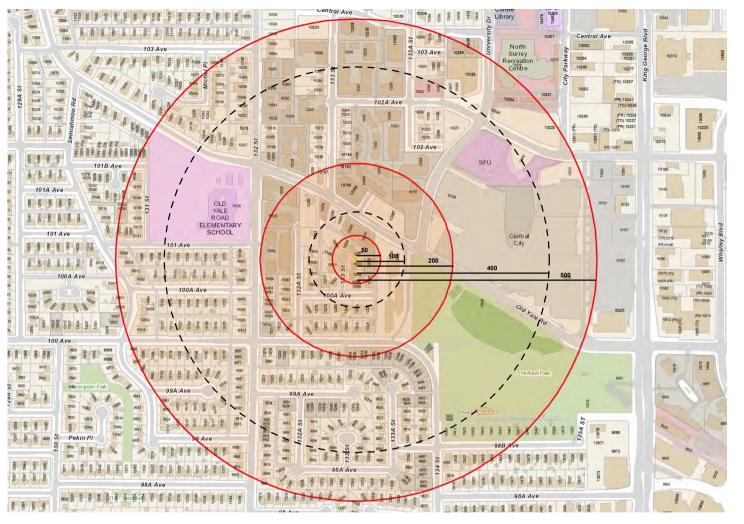
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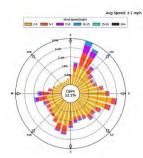
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#### Context 3D Aerial

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Context - Site

**Analysis** 

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200 m 

1000 m

#### **Local Amenities**

Educational SFU, Kwantlen Park Secondary, Queen Elizabeth Secondary, Old Yale Road Elementary, A H P Matthew Elementary

Civic Holland Park, City Center Library, Surrey Memorial Hospital, Surry City Hall, Central City mall

#### Transport

Surrey Central Transport Hub



EAST 3RD-NORTH VANCOUVER ,BC







CITY CENTRE / 100A AVE & 133 ST - SURREY, BC



DOMINION- NEW WESTMINSTER, BC





FUSION- SURREY, BC



THE SHORE- NORTH VANCOUVER, BC



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#### **Concept Imagery**





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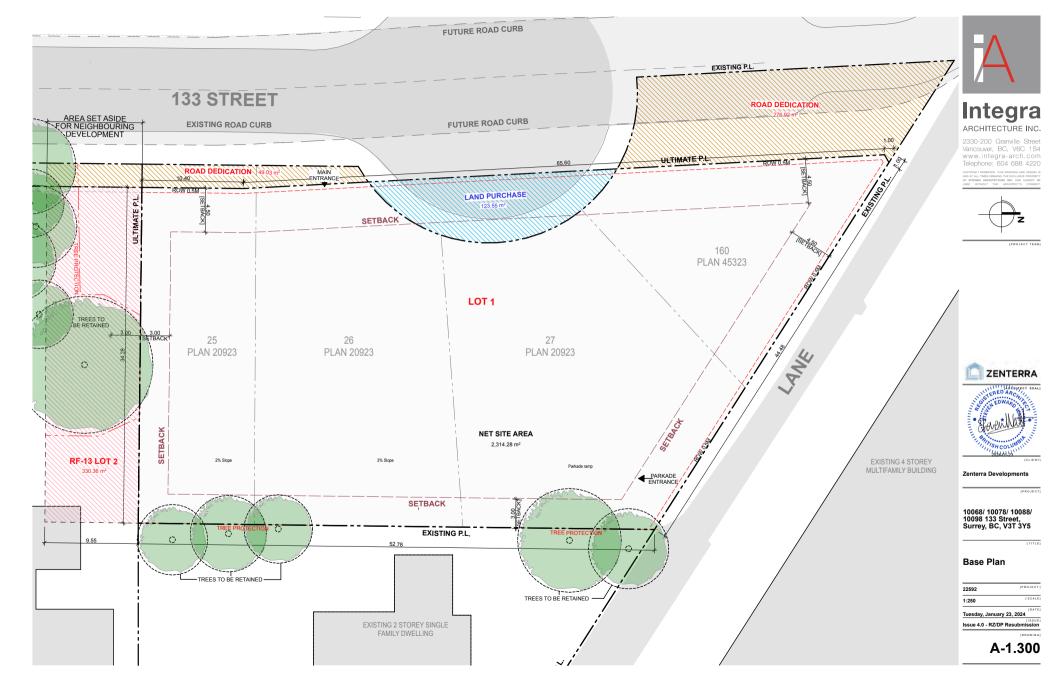
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#### **Context Plan**

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#### Lot Coverage

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		Material ar	nd Colour Legend
Colour	Product (to match)	Finish (to match)	Location
1.0			CLADDING
1.1 Gray	Interstate Brick (IXL or similar)	x	Exterior walls
1.2 Night Gray	Lap Siding w/ 4* Exposure (James Hardie or similar)	x	Exterior walls
1.3 Artic White	Lap Siding w/ 4* Exposure (James Hardie or similar)	x	Exterior walls
1.4 Artic White	Fiber Cement Panel (James Hardie or similar)	x	Exterior walls
1.5 Night Gray	Fiber Cement Panel (James Hardie or similar)	x	Exterior walls
1.6 Cedar	Cementitious Board - Cedar (Allura or similar)	x	Exterior walls
1.7 Gray	Cast in place Raw Concrete	x	Exterior walls
2.0			SOFFIT
2.1 Cedar	Cementitious Board - Cedar Soffit (Allura or similar)	1.5	Feature Soffit

3.0				T R I M S / F L A S H I N G S
3.1	Charcoal	Combed Face Wood / Flashing	5.1	Flashings
3.2	Charcoal	Charcoal Powder coated Aluminum Matt	5.1	
4.0				R O O F S / D E C K S
4.1	Charcoal	Charcoal Powder coated Aluminum Matt	1.5	Roof / Overhangs / Flashings
5.0			w	IINDOWS/GLAZING
5.1	Black	Vinyl Windows	x	Prefinished vinyl windows
5.2	Black	Railings	x	Charcoal railings w/ clear glazing
6.0				FEATURE WOOD
6.1	Cedar	Feature Wood Beam	Cedar Solid Stain	Exposed wood structure to entry
6.2	Charcoal	Painted Wood	5.1	Exterior Columns



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#### Building Elevation - West

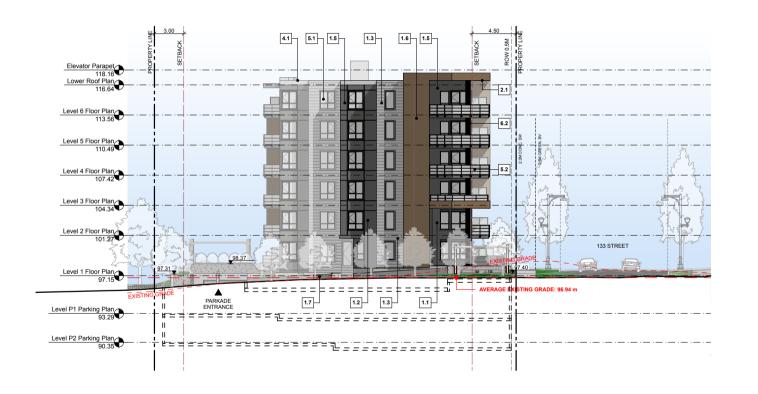
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Colour	Product (to match)	Finish (to match)	Location
1.0			CLADDING
1.1 Gray	Interstate Brick (IXL or similar)	x	Exterior walls
1.2 Night Gray	Lap Siding w/ 4* Exposure (James Hardie or similar)	x	Exterior walls
1.3 Artic White	Lap Siding w/ 4* Exposure (James Hardie or similar)	x	Exterior walls
1.4 Artic White	Fiber Cement Panel (James Hardie or similar)	x	Exterior walls
1.5 Night Gray	Fiber Cement Panel (James Hardie or similar)	x	Exterior walls
1.6 Cedar	Cementitious Board - Cedar (Allura or similar)	x	Exterior walls
1.7 Gray	Cast in place Raw Concrete	x	Exterior walls
2.0			SOFFIT
2.1 Cedar	Cementitious Board - Cedar Soffit (Allura or similar)	1.5	Feature Soffit

3.0				FRIMS/FLASHINGS
3.1	Charcoal	Combed Face Wood / Flashing	5.1	Flashings
3.2	Charcoal	Charcoal Powder coated Aluminum Matt	5.1	
4.0				ROOFS/DECKS
4.1	Charcoal	Charcoal Powder coated Aluminum Matt	1.5	Roof / Overhangs / Flashings
5.0			W	INDOWS/GLAZING
5.1	Black	Vinyl Windows	x	Prefinished vinyl windows
5.2	Black	Railings	x	Charcoal railings w/ clear glazing
6.0				FEATURE WOOD
6.1	Cedar	Feature Wood Beam	Cedar Solid Stain	Exposed wood structure to entry
6.2	Charcoal	Painted Wood	5.1	Exterior Columns





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#### Building Elevation - North

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			Material an	d Colour Legend
	Colour	Product (to match)	Finish (to match)	Location
1.0				CLADDING
1.1	Gray	Interstate Brick (IXL or similar)	x	Exterior walls
1.2	Night Gray	Lap Siding w/ 4" Exposure (James Hardie or similar)	x	Exterior walls
1.3	Artic White	Lap Siding w/ 4" Exposure (James Hardie or similar)	x	Exterior walls
1.4	Artic White	Fiber Cement Panel (James Hardie or similar)	x	Exterior walls
1.5	Night Gray	Fiber Cement Panel (James Hardie or similar)	x	Exterior walls
1.6	Cedar	Cementitious Board - Cedar (Altura or similar)	x	Exterior walls
1.7	Gray	Cast in place Raw Concrete	x	Exterior walls
2.0				SOFFIT
2.1	Cedar	Cementitious Board - Cedar Soffit (Allura or similar)	1.5	Feature Soffit

3.0				TRIMS/FLASHINGS
3.1	Charcoal	Combed Face Wood / Flashing	5.1	Flashings
3.2	Charcoal	Charcoal Powder coated Aluminum Matt	5.1	
4.0				R O O F S / D E C K S
4.1	Charcoal	Charcoal Powder coated Aluminum Matt	1.5	Roof / Overhangs / Flashings
5.0			W	INDOWS/GLAZING
5.1	Black	Vinyl Windows	x	Prefinished vinyl windows
5.2	Black	Railings	x	Charcoal railings w/ clear glazing
6.0				FEATURE WOOD
6.1	Cedar	Feature Wood Beam	Cedar Solid Stain	Exposed wood structure to entry
6.2	Charcoal	Painted Wood	5.1	Exterior Columns



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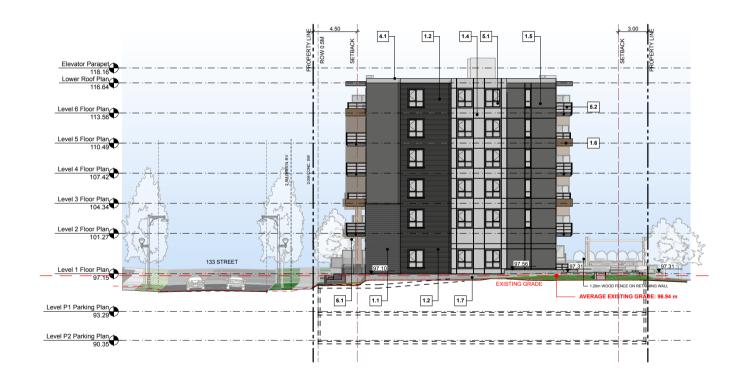
#### Building Elevation - East

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		Material an	nd Colour Legend
Colour	Product (to match)	Finish (to match)	Location
1.0			CLADDING
1.1 Gray	Interstate Brick (IXL or similar)	x	Exterior walls
1.2 Night Gray	Lap Siding w/ 4* Exposure (James Hardie or similar)	x	Exterior walls
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3.0				TRIMS/FLASHINGS
3	3.1 Charcoal	Combed Face Wood / Flashing	5.1	Flashings
3	3.2 Charcoal	Charcoal Powder coated Aluminum Matt	5.1	
4.0				R O O F S / D E C K S
4	4.1 Charcoal	Charcoal Powder coated Aluminum Matt	1.5	Roof / Overhangs / Flashings
5.0				WINDOWS/GLAZING
	5.1 Black	Vinyl Windows	x	Prefinished vinyl windows
5	5.2 Black	Railings	x	Charcoal railings w/ clear glazing
6.0				FEATURE WOOD
6	6.1 Cedar	Feature Wood Beam	Cedar Solid Stain	Exposed wood structure to entry
6	6.2 Charcoal	Painted Wood	5.1	Exterior Columns





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Building Elevation -

South

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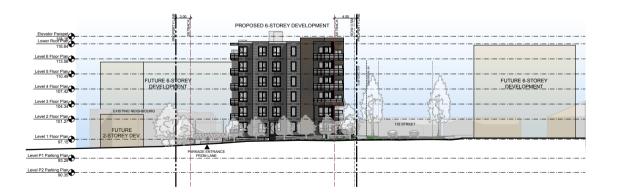
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**Building Context Elevation - West** 



**Building Context Elevation - North** 



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#### Building Context Elevations

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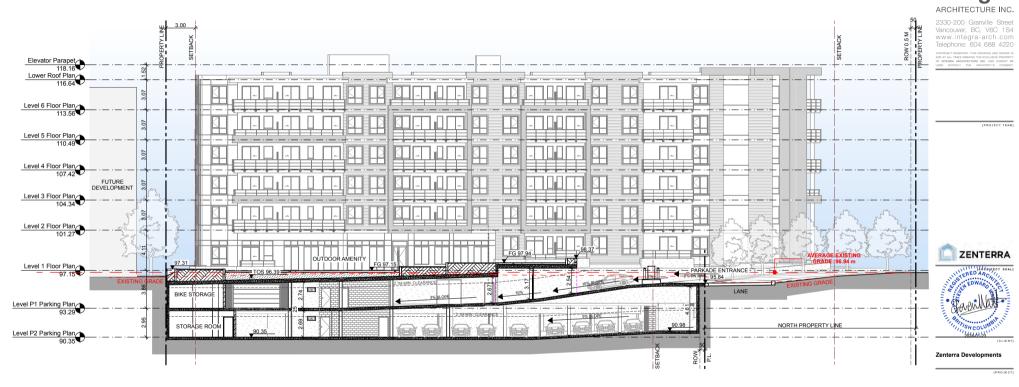
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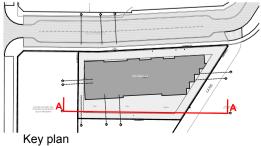
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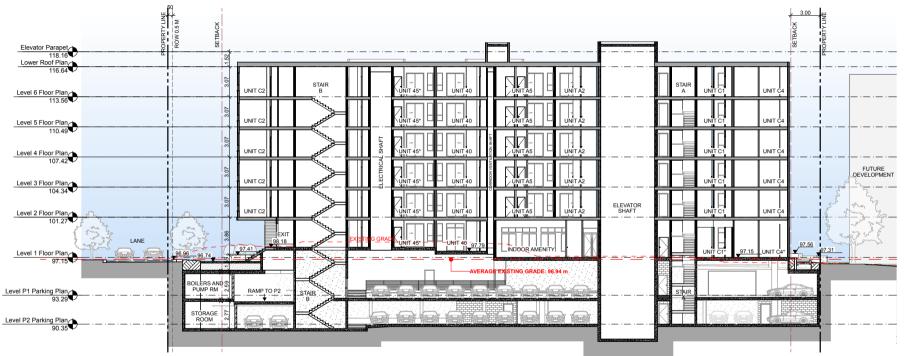
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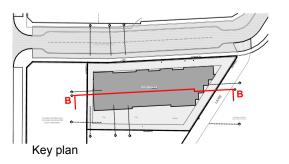
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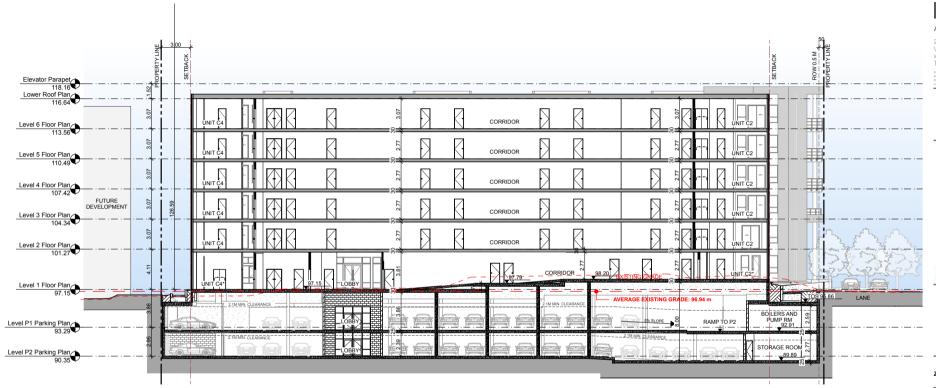
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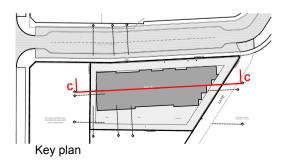
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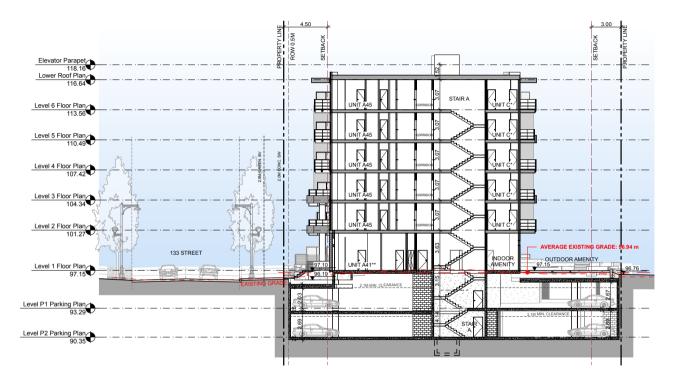
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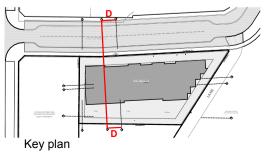
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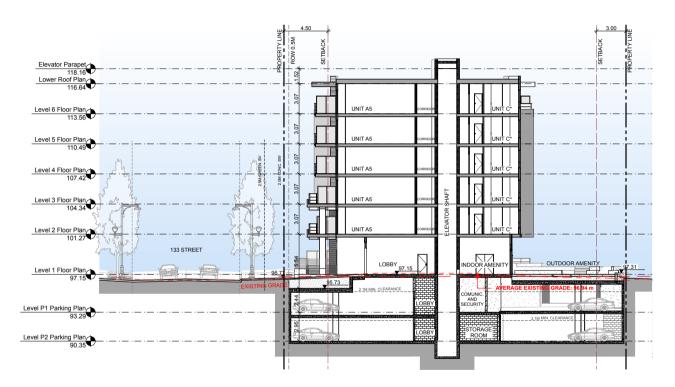
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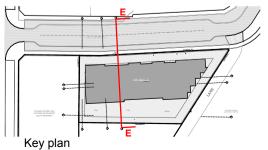
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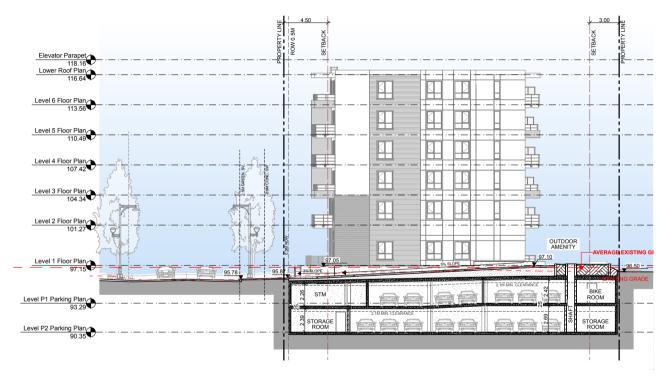
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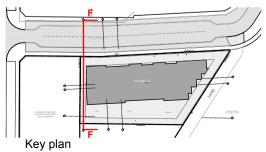
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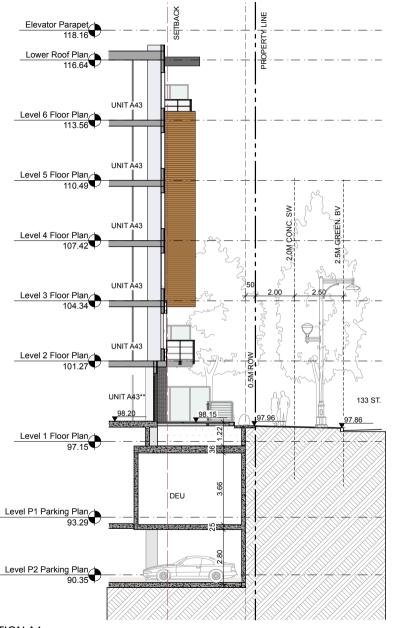
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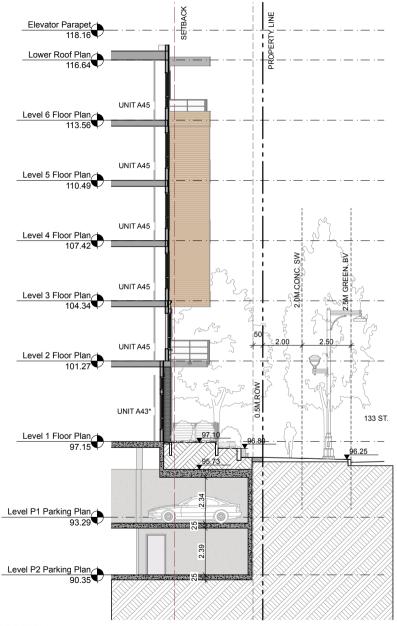
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#### Street Realm Sections

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South West 3D view



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#### South West 3D view

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North West 3D view



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## North West 3D view

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North East 3D view



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### North East 3D view

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3D view from Outdoor Amenity



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### 3D view from Outdoor Amenity

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Townhouse Expression along 133 St.



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Townhouse Expression

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Townhouse Expression

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		Material a	nd Colour Legend
Colour	Product (to match)	Finish (to match)	Location
1.0			CLADDING
1.1 Gray	Interstate Brick (IXL or similar)	x	Exterior walls
1.2 Night Gray	Lap Siding w/ 4" Exposure (James Hardie or similar)	x	Exterior walls
1.3 Artic White	Lap Siding w/ 4" Exposure (James Hardie or similar)	x	Exterior walls
1.4 Artic White	Fiber Cement Panel (James Hardle or similar)	x	Exterior walls
1.5 Night Gray	Fiber Cement Panel (James Hardle or similar)	x	Exterior walls
1.6 Cedar	Cementitious Board - Cedar (Allura or similar)	x	Exterior walls
1.7 Gray	Cast in place Raw Concrete	x	Exterior walls
2.0			SOFFIT
2.1 Cedar	Cementitious Board - Cedar Soffit (Allura or similar)	1.5	Feature Soffit

3.0			TRIMS/FLASHINGS
3.1 Charcoal	Combed Face Wood / Flashing	5.1	Flashings
3.2 Charcoal	Charcoal Powder coated Aluminum Matt	5.1	
4.0			R O O F S / D E C K S
4.1 Charcoal	Charcoal Powder coated Aluminum Matt	1.5	Roof / Overhangs / Flashings
5.0			WINDOWS/GLAZING
5.1 Black	Vinyl Windows	x	Prefinished vinyl windows
5.2 Black	Railings	x	Charcoal railings w/ clear glazing
6.0			FEATURE WOOD
6.1 Cedar	Feature Wood Beam	Cedar Solid Stain	Exposed wood structure to entry
6.2 Charcoal	Painted Wood	5.1	Exterior Columns





1.4 I Arctic White I Panel (Hardie or sim.)



1.7 I Grey I Cast In Place Concrete



1.2 I Night Gray I Lap Siding (Hardie or sim.)





1.5 I Night Gray I Panel (Hardie or sim.)6.2 I Night Gray I Panel (Hardie or sim.)







2.1 I Cedar I Cementitious Board (Allura or sim.)



1.6 I Cedar I Cementitious Board (Allura or sim.)





West Elevation - 133 Street



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10068/ 10078/ 10088/ 10098 133 Street, Surrey, BC, V3T 3Y5

## Material & Colours

Not To Scale

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MARCH/SEPTEMBER 21ST @ 10 AM



MARCH/SEPTEMBER 21ST @ 2 PM



MARCH/SEPTEMBER 21ST @ 12 PM



MARCH/SEPTEMBER 21ST @ 4 PM



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### **Shadow Diagrams**

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JUNE 21ST @ 12 PM



JUNE 21ST @ 4 PM

JUNE 21ST @ 10 AM



JUNE 21ST @ 2 PM



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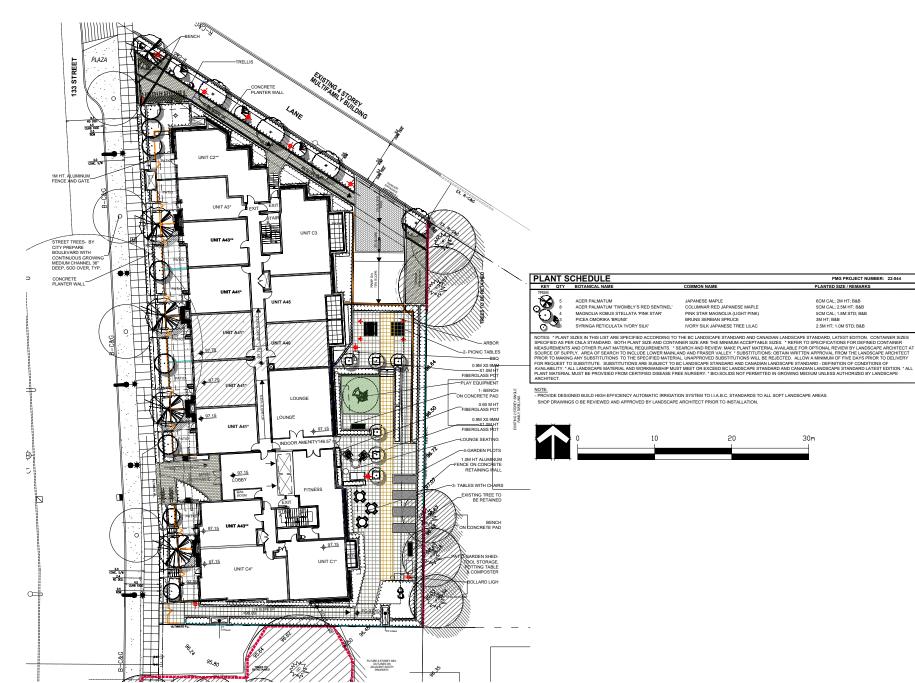
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10068/ 10078/ 10088/ 10098 133 Street, Surrey, BC, V3T 3Y5

### **Shadow Diagrams**

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Ξ			
6	24.JAN.11	NEW SITE PLAN	00
5	23.DEC.07	REVISION AS PER CITY COMMENTS	00
	23.NOV .05	DP RESUBMISSION	00
4	23.NOV.08	NEW SITE&CIVIL PLANS	00
3	23.NOV.01	NEW SITE PLANS CITY COMMENTS	00
2	23.5EP.21	REVISION AS PER CITY COMMENTS	00
1	23.MAY.30	ISSUED FOR DP	00
NC	DATE	REVISION DESCRIPTION	DR

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PROJECT:

## 6-STOREY RESIDENTIAL DEVELOPMENT

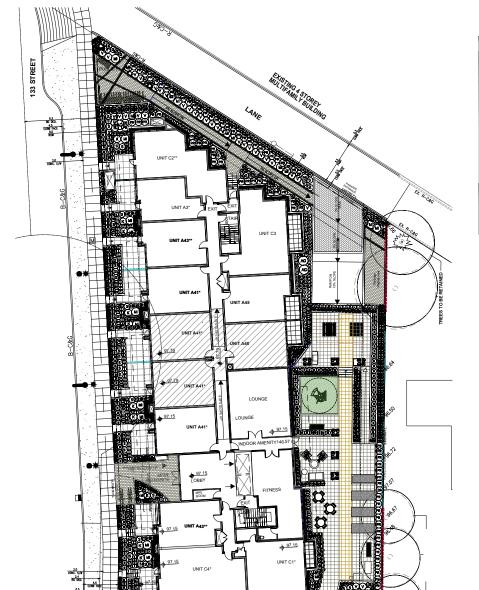
10068-10098 133 Street, SURREY City of Surrey Project No.: 7923 0185 00

DRAWING TITLE:

#### LANDSCAPE PLAN

DATE: March 20, SCALE: 1: DRAWN: DD DESIGN: DD L1

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NOTES: "PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANDIAN LANDSCAPE STANDARD. LATEST EDITION. CONTAINER SIZES SPECIFIED AS PECKLAL STANDARD. SO DITH PLANT SIZE AND CONTAINER SIZES SPECIFIED AS PECKLAL STANDARD. ADDIT PLANT SIZE AND CONTAINER SIZES SPECIFIED AS PECKLAS TANDARD. AND CONTAINER SIZES SPECIFIED SIZES SPECIFIED SIZES SPECIFIED SIZES SPECIFIED SIZES SPECIFIED SIZES STANDARD LATEST EDITION, "ALL PLANT MATERIAL MUST SEE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY." SIG-SOLIDS NOT PERMITTED IN GROWING MEDIUM UNLESS AUTHORIZED BY LANDSCAPE





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	23.NOV .05	DP RESUBMISSION	00
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1	23.MAY.30	ISSUED FOR DP	00
NC	DATE	REVISION DESCRIPTION	DR.

CLIENT:



PROJECT:

#### 6-STOREY RESIDENTIAL DEVELOPMENT

10068-10098 133 Street, SURREY City of Surrey Project No.: 7923 0185 00

## SHRUB PLAN

SCALE: March 20, 2
SCALE: 1:1
DRAWN: DD
DESIGN: DD

CHK'D:

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PMG PROJECT NUMBER:



| 23.NOV.01 | NEW SITE PLANE CITY COMMENTS | 2 23.SEP.21 | REVISION AS PER CITY COMMENTS | 1 23.MAY.30 | ISSUED FOR OP | NO. DATE | REVISION DESCRIPTION

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G-STOREY RESIDENTIAL
DEVELOPMENT
10068-10098 133 Street,
SURREY
City of Surrey Project No.:
7923 0185 00
DRAWING TITLE
MATERIAL
PLAN

EAL:

MAGLIN TABLE WITH FOUR CHAIRS \_FRC1700-MSF-M1



SYMBOL DESCRIPTION
DOWN LIGHTING
BOLLARD LIGHT

LITHONIA RADEAN LED BOLLARD

MAGLIN BENCH-SCB1600

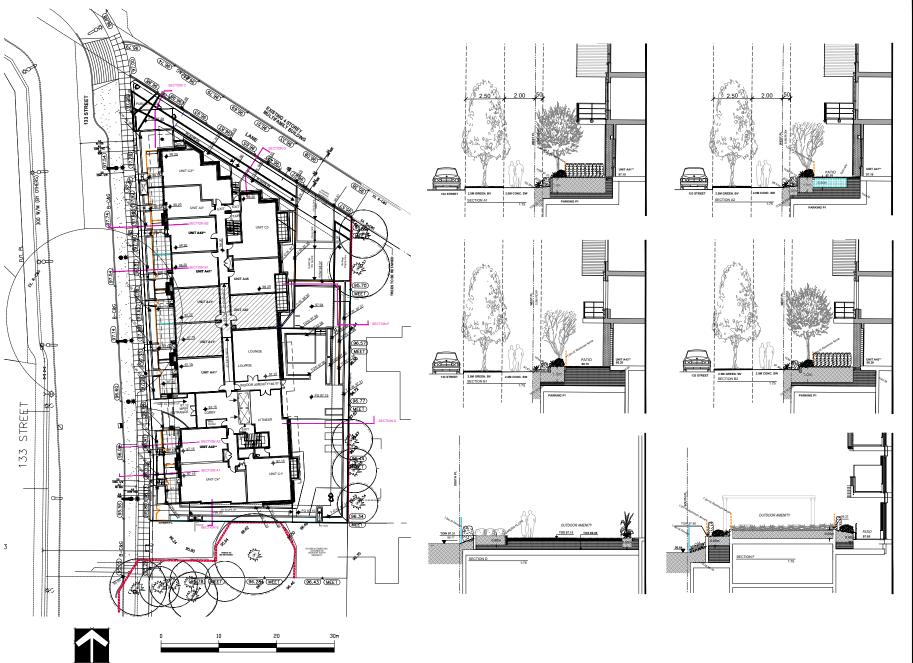
MAGLIN 720 PICNIC TABLE

	MAT	ERIAL LE	GEND		
	KEY	SYMBOL	DESCRIPTION	ON	
	A		CONCRETE PAVEMENT COLOUR:NATURAL		
	B	DESERT SAND	NATURAL	TEXADA SLAB BY BELGARD 18 x 18 x 2"	
,	©	DESERT SAND	NATURAL   BARKMAN BROADWAY 300X300X65MM PATTERN: RUNNING BOND COLOUR: NATURAL		
	0		TEXADA SLAB BY BELGARD 24 x 24 x 2" COLOUR: NATURAL		
	(E)	88 S	RUBBER TILES SAFETY SURFACE 2'X2'X2" , COLOR GREEN		
	F	00000 00000	GRAVEL		
	G		STAMPED CO	DNCRETE	

KEY SYMBOL DESCRIPTION  BENCH	
BENCH	
(F) BENCH	
62 LOCAL GRANITE BOULDERS	
F3 PICNIC TABLE	
BIKE RACK FOR 2 BIKES EACH	
1.8 HT. WOOD FENCE	
1.8 HT. PATIO SCREEN BY ARCHITECT	
1M HT. ALUMINIUM RAIL FENCE AND GA	ATE
MAGLIN 720 CHAIR & LOW TABLE	
68 ARBOUR	
FIBERGLASS PLANTER	
HAUSER OUTDOOR LOUNGE SEATING WITH FIRE PIT WITH GAS CONNECTION	
1.2 HT. WOOD FENCE	
GARDEN PLOT	

DRAWN: DD DESIGN: DD

PROJECT:



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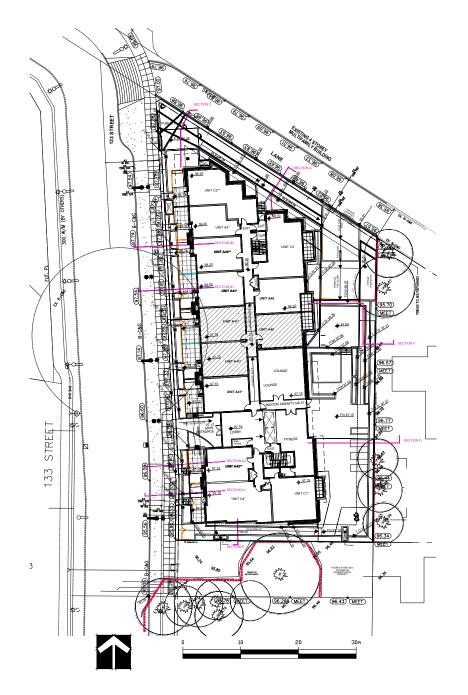
## 6-STOREY RESIDENTIAL DEVELOPMENT

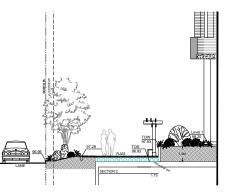
10068-10098 133 Street, SURREY City of Surrey Project No.: 7923 0185 00

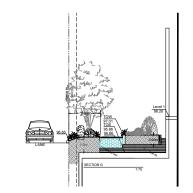
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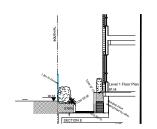
#### GRADING PLAN LANDSCAPE SECTIONS

DATE: March 20, 2023 DRAWING NUMBER SCALE: 1:200
DRAWN: DD
DESIGN: DD
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PROJECT:

## 6-STOREY RESIDENTIAL DEVELOPMENT

10068-10098 133 Street, SURREY City of Surrey Project No.: 7923 0185 00

## GRADING PLAN LANDSCAPE SECTIONS

SCALE: 1:200
DRAWN: DD
DESIGN: DD

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## INTER-OFFICE MEMO

TO: Director, Area Planning & Development

- North Surrey Division

**Planning and Development Department** 

FROM: Development Services Manager, Engineering Department

DATE: **January 23, 2024** PROJECT FILE: **7823-0185-00** 

RE: Engineering Requirements

Location: 10068 133 St

## **REZONE/SUBDIVISION**

## Property and Right-of-Way Requirements

- Dedicate 2.38 m (southern portion) and 9.25 m (northern portion) along 133 Street;
- Dedicate 1.0 m x 1.0 m corner cut at lane / 133A Street intersection; and
- Register 0.5 m statutory right-of-way (SRW) along 133 Street frontage for maintenance.

## **Works and Services**

- Construct east side of 133 Street;
- Construct residential lane;
- Construct concrete letdown to lane;
- Complete road closure of a portion of the 133 Street cul-de-sac road allowance fronting the site;
- Construct adequately-sized service connections (drainage, water, and sanitary), complete with inspection chambers/water meter, to the development site; and
- Construct required local servicing mains (drainage, water, and sanitary) along the site
  frontage in order to meet frontage requirements and to provide servicing to the
  development site. Downstream upgrades may be required Coordinate with other instream adjacent developments as required.

A Servicing Agreement is required prior to Rezone/Subdivision.

### DEVELOPMENT PERMIT/DEVELOPMENT VARIANCE PERMIT

There are no engineering requirements relative to issuance of the Development Permit/ Development Variance Permit.

Jeff Pang, P.Eng.

Jeffy lang

**Development Services Manager** 

M51





Department: Planning and Demographics
Date: September 25, 2023

Report For: City of Surrey

### **Development Impact Analysis on Schools For:**

Application #: 22 0185 00

The proposed development of 98 Low Rise Apartment units are estimated to have the following impact on elementary and secondary schools within the school regions.

School-aged children population projection 13

Projected Number of Students From This Development In:			
Elementary School =	8		
Secondary School =	3		
Total Students =	11		

Current Enrolment and Capacities:		
Old Yale Road Elementary		
Enrolment	471	
Operating Capacity	438	
# of Portables	2	
Kwantlen Park Secondary		
Enrolment	1498	
Operating Capacity	1200	
# of Portables	13	

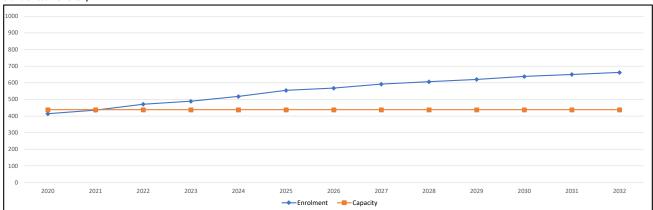
### Summary of Impact and Commentary

The following tables illustrate the historical, current and future enrolment projections including current/approved ministry operating capacity for the elementary and secondary schools serving the proposed development.

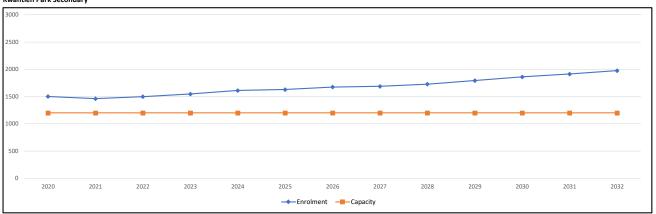
Old Yale Road catchment serves the central business district of Surrey. The timing of future high rise development in this area, with good market conditions could impact the enrolment growth upwards from the projections below. As of September 2022, the school was operating at 108% capacity. The school requires 2 portables to manage this growth. This catchment is being monitored over the next several years as the projected growth in the area has yet to arrive as projected last year. As part of the 2024/25 Capital Plan, the District is requesting a 10-classroom addition but no capital funding has been approved at this time.

As of September 2022, Kwantlen Park Secondary is currently operating at 125% with 13 portables on site used for enrolling classes and is projected to grow by 450 students over the next 10 years. This school will also be impacted by timing of future high-rise development in the area. In February 2023, the District has received capital funding approval from the Ministry to build a 500-capacity addition, targeted to open in the fall of 2027.

#### Old Yale Road Elementary



### Kwantlen Park Secondary

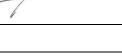


**Population**: The projected population of children aged 0-17 impacted by the development. **Enrolment**: The number of students projected to attend the Surrey School District ONLY.

## **Appendix B: Tree Preservation Summary** Surrey Project No: pre-application 10068, 10078, 10088 & 10098 133 St, Surrey, BC Registered Arborist: Lucian Serban, RPF ISA Certified Arborist Municipal Specialist (PN7558AM), Tree Risk Assessment Qualified **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

and proposed streets and lanes, but excluding trees in proposed open space or riparian areas).	11 (1 City boulevard tree)
Protected Trees to be Removed	
Trotostou Troos to be removed	10 (1 City boulevard tree)
Protected Trees to be Retained (excluding trees within proposed open space or riparian areas)	1
Total Replacement Trees Required	
Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio <u>0</u> X one (1) = <b>0</b> All other Trees Requiring 2 to 1 Replacement Ratio <u>10 (1 shared tree)</u> X two (2) = <b>20</b>	20
Replacement Trees Proposed	20
Replacement Trees in Deficit	0
Protected Trees to be Retained in Proposed Open Space/Riparian Areas	n/a
Off-Site Trees	Number of Trees
Protected Off-Site Trees to be Retained	12
Protected Off-Site Trees to be Removed	0
Total Replacement Trees Required  Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio <u>0</u> X one (1) =  O All other Trees Requiring 2 to 1 Replacement	

Summary prepared and submitted by Lucian Serban, Arborist Date: May 5, 2022



**Replacement Trees Proposed** 

Replacement Trees in Deficit

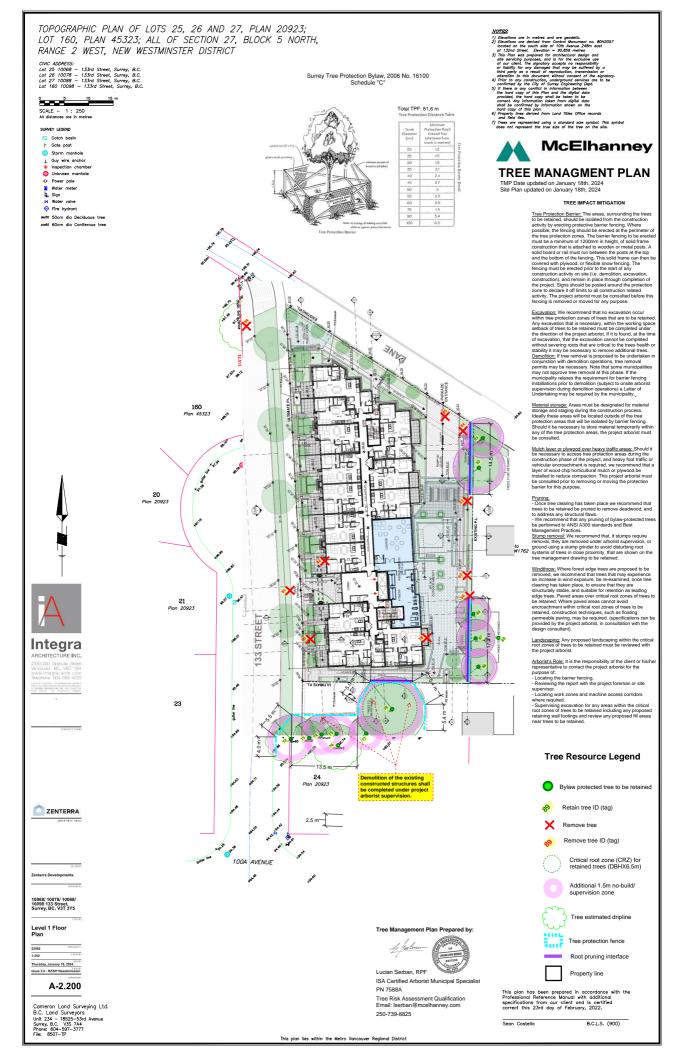
Ratio

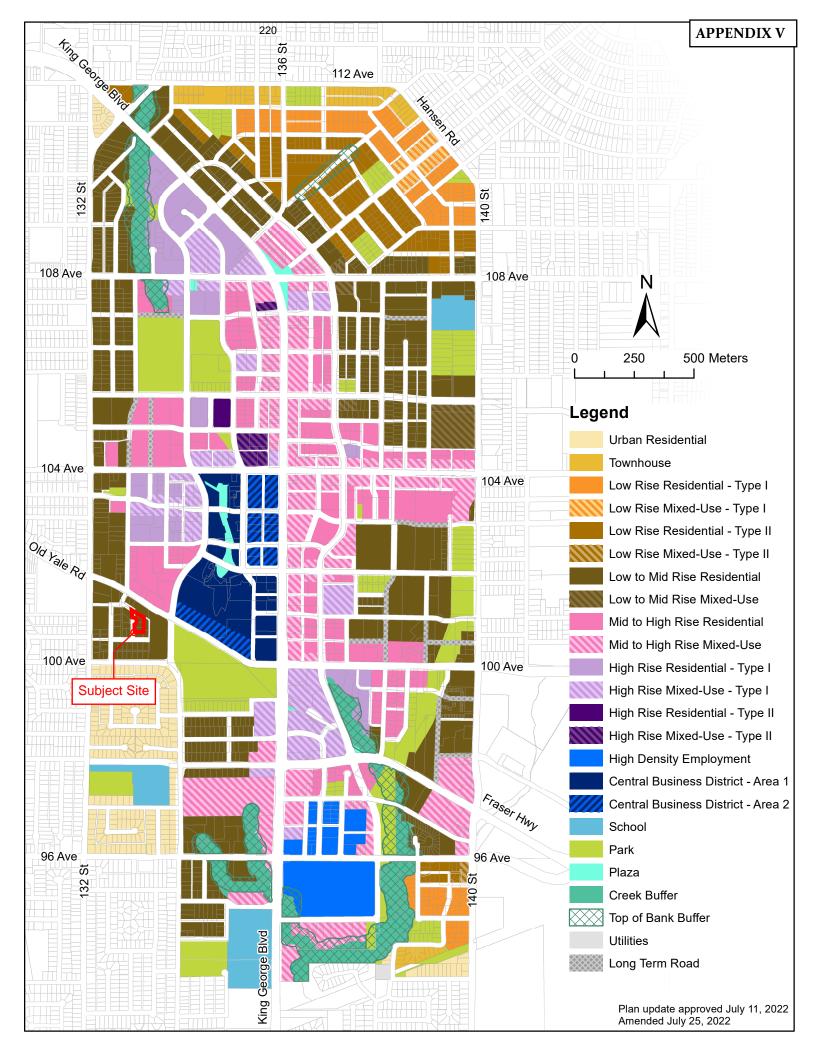
X two (2) =

0

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Map 265 District Energy City Centre Service Areas

## **CITY OF SURREY**

(the "City")

## **DEVELOPMENT VARIANCE PERMIT**

185-00

		NU.: 7923-0185-00	
Issu	ed To:		
		("the Owner")	
Add	ress of (	Owner:	
1.	statu	development variance permit is issued subject to compliance by the Owner with all tes, by-laws, orders, regulations or agreements, except as specifically varied by this lopment variance permit.	
2.	with	evelopment variance permit applies to that real property including land with or it improvements located within the City of Surrey, with the legal description and ddress as follows:	
		Parcel Identifier: 003-405-907 Lot 25 Section 27 Block 5 North Range 2 West NWD Plan 20923 10068 - 133 Street	
		(the "Land")	
3.	(a)	As the legal description of the Land is to change, the City Clerk is directed to insert the new legal description for the Land once title(s) has/have been issued, as follows:	
		Parcel Identifier:	
	(b)	If the civic address(es) change(s), the City Clerk is directed to insert the new civic address(es) for the Land, as follows:	

4. Surrey Zoning By-law, 1993, No. 12000, as amended is varied a	as follows:
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- (a) In Sub-section K.2.(c) of Part 17C "Single Family Residential 10 Zone (RF-10)", the minimum lot width for a "Type I Interior" lot is reduced from 9.7 metres to 9.5 metres for proposed Lot 2.
- 5. This development variance permit applies to only the <u>portion of the Land</u> shown on Schedule A which is attached hereto and forms part of this development variance permit. This development variance permit does not apply to additions to, or replacement of, any of the existing buildings shown on attached Schedule A, which is attached hereto and forms part of this development variance permit.
- 6. The Land shall be developed strictly in accordance with the terms and conditions and provisions of this development variance permit.
- 7. This development variance permit shall lapse unless the subdivision, as conceptually shown on Schedule A which is attached hereto and forms part of this development variance permit, is registered in the New Westminster Land Title Office within three (3) years after the date this development variance permit is issued.
- 8. The terms of this development variance permit or any amendment to it, are binding on all persons who acquire an interest in the Land.
- 9. This development variance permit is not a building permit.

AUTHORIZING RESOLUTION PASSED BY THE COUNCIL/DELEGATED OFFICIAL, THE DAY OF  $\,$  , 20  $\,$  .

ISSUED THIS DAY OF , 20 .

Mayor – Brei	nda Locke	
City Clark	ennifer Ficoc	

