

# City of Surrey PLANNING & DEVELOPMENT REPORT Application No.: 7923-0342-00

Planning Report Date: July 8, 2024

### **PROPOSAL:**

• TCP Amendment from 'Townhouse' to 'Low Rise Transition Residential'.

• **Rezoning** from RF to CD

• Development Permit

To permit the development of a 5-storey residential building containing 116 dwelling units over two (2) levels of underground parking, on a consolidated site in Guildford.

LOCATION:

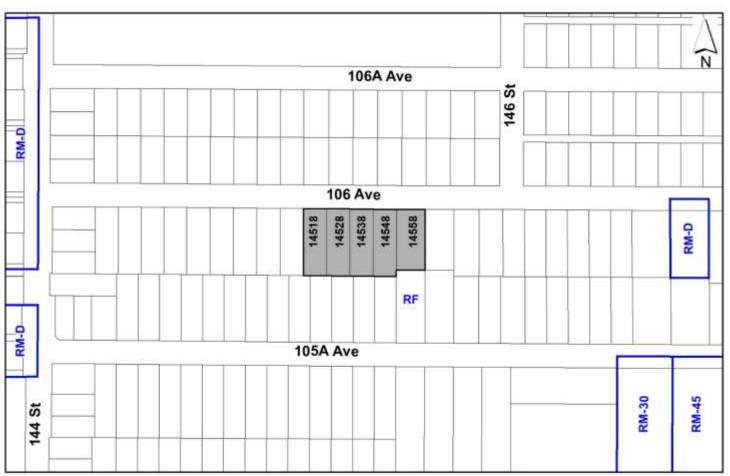
14518/14528/14538/14548/14558 - 106

Avenue

**ZONING:** RF

**OCP DESIGNATION:** Multiple Residential

TCP DESIGNATION: Townhouse



### **RECOMMENDATION SUMMARY**

- Rezoning By-law to proceed to Public Notification. If supported the By-law will be brought forward for First, Second, and Third Reading.
- Approval to draft Development Permit for Form and Character

### DEVIATION FROM PLANS, POLICIES OR REGULATIONS

• Seeking an amendment to the Guildford Plan in order to redesignate the subject site from "Townhouse" to "Low Rise Transition Residential", and to introduce an east-west land along the southern lot line.

### 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), which supports densities of up to 2.5 FAR (Gross) on the subject site.
- In accordance with changes to the Local Government Act, Section 464, under Bill 44 (2023) a Public Hearing is not permitted for the subject rezoning application as the proposed rezoning is consistent with the Official Community Plan (OCP). As such, Council is requested to endorse the Public Notification to proceed for the proposed 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 By-law readings.
- To accommodate the proposed development, an amendment to the Guildford Plan is required to redesignate the subject site from "Townhouse to "Low Rise Transition Residential" as well as introduce an east-west oriented lane (future 12.0m Green Lane) along the southern lot line.
- The proposal complies with the Development Permit requirements in the OCP for Form and Character.
- The proposed building achieves an attractive architectural built form, which utilizes high quality materials and contemporary lines. The proposed setbacks achieve a more urban, pedestrian streetscape while the proposed street interface has been designed to a high quality to achieve a positive urban experience between the proposed building and the public realm.

### RECOMMENDATION

The Planning & Development Department recommends that:

- 1. Council endorse the Public Notification to proceed for a By-law to rezone the subject site from "Single Family Residential Zone (RF)" to "Comprehensive Development Zone (CD)".
- 2. Council authorize staff to draft Development Permit No. 7923-0342-00 generally in accordance with the attached drawings (Appendix I).
- 3. 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 road dedication 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) review of the project by the Advisory Design Panel and resolution of design comments to the satisfaction of the General Manager, Planning & Development Department;
  - (e) submission of a finalized landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
  - (f) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
  - (g) the applicant satisfy the deficiency in tree replacement on the site, to the satisfaction of the Planning and Development Department;
  - (h) the applicant provide a density bonus amenity contribution consistent with the Tier 2 Capital Projects CACs in support of the requested increased density, to the satisfaction of the General Manager, Planning and Development Department;
  - (i) 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
  - (j) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department;
  - (k) registration of a right-of-way for public rights-of-passage over the publicly accessible open space (corner plaza) within the site;
  - (l) registration of a right-of-way for public rights-of-passage for drainage access; and
  - (m) 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 Department;

4. Council pass a resolution to amend the Guildford Plan to redesignate the land from "Townhouse" to "Low Rise Transition Residential" and introduce an east-west lane, as illustrated in Appendix V, when the project is considered for final adoption.

### **SITE CONTEXT & BACKGROUND**

Direction	Existing Use	NCP Designation	Existing Zone
Subject Site	Single Family lots.	Townhouse	RF
North (across 106 Avenue):	Single Family lots.	Townhouse & Parks and Natural Areas	RF
East: (under application no. 7922-0277- oo to permit a 5-storey residential building containing 98 market rental units secured through a 60-year Housing Agreement).	Single Family lots.	Townhouse	RF
South:	Single Family lots.	Townhouse	RF
West:	Single Family lots.	Townhouse	RF

### **Context & Background**

- The 5,776.72-square metre site, comprised of five (5) single family residential lots, is located on the south side of 106 Avenue, between 144 Street and 146 Street in the Hawthorne District of the Guildford Plan.
- The properties are presently occupied by single family residential dwellings, which are proposed to be demolished as part of the subject development application.
- The subject site is designated "Multiple Residential" in the Official Community Plan (OCP), "Townhouse" in the Guildford Plan, and zoned "Single Family Residential Zoen (RF)".

### DEVELOPMENT PROPOSAL

### **Planning Considerations**

• In order to permit the development of a 5-storey apartment building, containing 116 dwelling units over two (2) levels of underground parking in the Hawthorne District of Guildford, the applicant will require the following:

- o **NCP Amendment** from "Townhouse" to "Low Rise Transition Residential" under the Guildford Plan;
- o **Rezoning** from RF to CD (based on RM-70);
- o **Development Permit** for Form and Character; and
- **Subdivision** (**Consolidation**) from five (5) lots to one (1) lot.
- Development details are provided in the following table:

	Proposed	
Lot Area		
Gross Site Area:	5,776.72 sq. m.	
Road Dedication:	1,165.51 sq. m.	
Net Site Area:	4,611.21 sq. m.	
Number of Lots:	1	
Building Height:	5-storeys (16.47 m)	
Floor Area Ratio (FAR):	1.73 (Gross); 2.17 (Net)	
Floor Area		
Total:	10,001.29 sq. m.	
Residential Units:		
Studio:	2 units (1.7%)	
1-Bedroom:	70 units (60.3%)	
2-Bedroom:	33 units (28.4%)	
3-Bedroom:	11 units (9.5%)	
Total:	116 units	

### 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 19

school-age children generated by this development, of which the School District has provided the following expected student

enrollment.

11 students at Hjorth Road Elementary School

5 students at Guildford 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 autumn of

2026.

# Parks, Recreation & Culture:

No concern.

Parks, Recreation & Culture accept the removal of Trees Nos. C1, C2, C3, C4, and C5 to accommodate the proposed development application.

The closest active park is Hawthorne Rotary Park which includes playgrounds, water playground, walking trails, and natural areas, and is 375-metres walking distance away. Future parkland is proposed within 100-metres walking distance of the subject site as part of the Guildford Plan.

Surrey Fire Department:

The Surrey Fire Department has no concerns with the proposed development, however, there are some standard 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 greater than 6-storeys or commercial proposals that are greater than 3-storeys, to proceed to Council for By-law introduction, prior to 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, identified by the ADP, 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 is required to provide the following road dedication and improvements as part of the subject development proposal:
  - o Construct the south side of 106 Avenue to the Local Road Standard;
  - Dedicate and construct varying widths of 145 Street to the Half Road Standard (ultimate 20.0m Local Road Standard); and
  - o Dedicate and construct a portion of the 6.o-metre wide east-west lane within the southern portion of the subject site.

### **Access and Parking**

• Access to the underground parkade will be provided via the proposed new 6.o-metre wide east-west lane at the south-east corner of the subject site.

### **Traffic Impacts**

• The subject development proposal is, according to industry standard rates, anticipated to generate approximately one (1) vehicle trip every one (1) to two (2) minutes in the peak hour. This is below the City's threshold for requiring a site-specific traffic impact analysis.

### **Transit and Active Transportation Routes**

- The subject site is located in close proximity to the 104 Avenue Frequent Transit Development Area (FTDA) and approximately 700-metres from an existing stop serviced by TransLink Rapid Bus Route No. R1 (Guildford Exchange/Newton Exchange).
- The subject site is located approximately 60-metres to the north of the future Hawthorne Greenway, which runs east-west along 104A and 105 Avenue.

### **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 the Metro Vancouver 2050 *Regional Growth Strategy (RGS)*.

### **Official Community Plan**

### Land Use Designation

• The proposed development complies with the "Multiple Residential" designation of the subject site under the Official Community Plan (OCP).

### Themes/Policies

- The development proposal supports transit-oriented development focused growth and increased density along frequent transit corridors, which supports transit service expansion and rapid transit infrastructure investment.
- The proposal supports directing high-density residential land uses to locations within walking distance of neighborhood centers, along main roads, near transit routes and/or adjacent to major parks or civic amenities.
- The dwelling units along the street frontages include urban design features (e.g., ground-floor patio space, upper storey balconies, internal sidewalks, etc.) that promote a welcoming public streetscape and urban public realm.

### **Secondary Plans**

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

- The subject site is designated "Townhouse" under the Guildford Plan.
- In order to accommodate the subject development proposal, the applicant is seeking an amendment to the Guildford Plan to redesignate the site from "Townhouse" to "Low Rise Transition Residential" and to introduce an east-west oriented lane along the south lot line.
- The proposed development will be subject to both Tier 1 and Tier 2 Capital Plan Project CACs.

### Amendment Rationale

- The proposed density and building form are appropriate for this part of the Guildford Plan area given that the subject site is located within close proximity to a Frequent Transit Network (104 Avenue) and its associated Frequent Transit Development Area (FTDA).
- The proposed 5-storey building will provide an appropriate density and height transition between future higher-density, mid- to high-rise developments to the south and future low-to mid-rise developments and ground-oriented multi-family and single-family residential developments to the north under the Guildford Plan.
- The proposed development will be subject to the Tier 2 Capital Plan Project CACs for proposed density greater than the NCP designation, as described in the Community Amenity Contribution section of this report.

### CD By-law

- The applicant is proposing a "Comprehensive Development Zone (CD)" to accommodate a proposed 5-storey apartment 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 heigh and permitted uses in the RM-70 Zone and the proposed CD By-law is illustrated in the following table:

Zone	RM-70 Zone (Part 23)	Proposed CD Zone
Unit Density:	N/A	N/A
Floor Area Ratio:	1.5 FAR (Net)	2.17 FAR (Net)
Lot Coverage:	33%	48%
Yards and Setbacks:		
North:	7.5 metres	5.5 metres
East:	7.5 metres	7.5 metres
South:	7.5 metres	4.5 metres
West:	7.5 metres	5.5 metres
Height of Buildings:	50.0 metres	16.5 metres

Zone	RM-70 Zone (Part 23)	Proposed CD Zone
Permitted Uses:	Multiple Unit Residential	Multiple Unit
	Buildings.	Residential Buildings.
	Ground-Oriented	Ground-Oriented
	Multiple Unit Residential	Multiple Unit
	Buildings.	Residential Buildings.
	Child Care Centres.	_
Amenity Space:		
Indoor Amenity:	3.0 sq. m. per dwelling unit	The proposed 280.84 sq. m. plus CIL meets the Zoning By-law requirement.
Outdoor Amenity:	3.0 sq. m. per dwelling unit	939 sq. m.
Parking (Part 5)	Required	Proposed
Number of Stalls		
Residential:	127	127
Residential Visitor:	12	15
Residential Total:	139	142
Small Car (35% of total permitted):	49 (35%)	22 (15%)
Van Accessible:	2	3
Standard Accessible:	1	4
Bicycle Spaces		
Residential Secure Parking:	140	141
Residential Visitor:	6	6

- The proposed CD By-law is based upon the "Multiple Residential 70 Zone (RM-70)" with modifications to the permitted density, lot coverage, and minimum building setbacks.
- The calculated based on the gross site area, the proposed 5-storey apartment building on the subject site will have a floor area ratio (FAR) of 1.73, which generally aligns with the 1.6 FAR (Gross) permitted under the "Low Rise Transition Residential" designation in the Guildford Plan.
- Given the proximity of the site to 104 Avenue and its associated FTDA, which terminates approximately 60-metres to the south of the subject site along 105A Avenue, as well as the requirement to dedicate both 11.5-metres for the future 145 Street and 6.0-metres for the future east-west lane, the proposal to increase the density from 1.50 to 2.17 FAR (Net) in the proposed CD Zone is supportable.
- The maximum lot coverage has been increased from 33% under the RM-70 Zone to a maximum of 48% in the proposed CD By-law to accommodate the proposed built form. The proposed lot coverage is typical for a 5-storey apartment building on a site of this size.
- The Zoning Bylaw require that no parking facilities be constructed within 2.0 metres of the front line or a lot line along a flanking street. The proposed underground parkade will be located within 0.5 metres of the north, east, south, and west lot lines. As a result, the proposed CD By-law will permit the underground parking facility to be 0.5 metres from all lot lines.

• The applicant is proposing to provide a rate of 1.1 parking spaces per dwelling unit for residents and 0.1 parking spaces per dwelling unit for visitors (0.1 per dwelling unit). The proposed parking reduction is supportable given the subject site is located within a Rapid Transit Area (RTA) and complies with the reduced parking rates previously endorsed by Council as part of Corporate Report No. R115 (2021).

### **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 2024, under Corporate Report No.R046;2024.
- 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. The current rate is \$2,136 per new unit.
- The proposed development will be subject to the Tier 2 Capital Plan Project CACs for proposed density greater than the Secondary Plan designation.
- The applicant will be required to provide the per unit flat rate for the number of units above the approved Secondary Plan in order to satisfy the proposed Secondary Plan Amendment. The contribution will be payable at the rate applicable at the time of Rezoning Final Adoption, and the current fee for the Guildford Plan area is \$239.82 per sq. m for apartments.

### 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 \$1,113.92 per new 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 June 18, 2024, and the Development Proposal Signs were installed on June 14, 2024. Staff received no responses from neighbours in the vicinity.

### **DEVELOPMENT PERMITS**

### Form and Character Development Permit Requirement

- The proposed development is subject to, and generally complies with, the Form and Character Development Permit guidelines in the OCP as well as the design guidelines in the Guildford Plan.
- The applicant is proposing a 5-storey apartment building containing 116 units, consisting of two (2) studio units, seventy (70) one-bedroom units, thirty-three (33) 2-bedroom units, and eleven (11) 3-bedroom units. The unit's range in size from 44 square metres to 126 square metres.
- The proposed 5-storey apartment development incorporates a design and building massing that is generally in accordance with the vision for this part of the Hawthorne District in the Guildford Plan area.
- This area is envisioned as an evolving urban neighbourhood with strong associations with the
  precinct's natural areas and parks, featuring a variety of housing options including low rise
  apartment buildings.
- To fit into the contextual scale of the future neighbourhood, the building is comprised of two main volumes that are joined together with a recessed glass curtain wall that creates the overall effect of two smaller buildings along the street. The building also steps with the slope of the site to maintain a lower profile.
- The 5<sup>th</sup> floor is stepped back along all street frontages to help reduce the overall building massing where interfacing with the surrounding neighbourhood context.
- The proposed "U"-shaped building frames the two street frontages with a minimum setback and creates a central courtyard for residents in the south portion of the site. The proposed building siting considers the neighbouring development to the east, creating sufficient building separation.
- The building includes ground-floor units with front doors and usable, semi-private outdoor space, weather protection, with direct access to street frontages or internal shared courtyard space.
- The indoor amenity space is located on the fifth floor, adjacent to the outdoor amenity roof deck space. For more details, see the Indoor and Outdoor Amenity Space section in this report.
- The applicant proposes an urban contemporary architecture and extensive use of beige brick and siding on the façade along street frontages. Building materials also include cementitious fibre cement panels and metal railings with glass panels.
- The applicant will continue to work with staff to resolve comments identified in the Outstanding Items section below.

- This application is required to proceed to Advisory Design Panel (ADP) for review. However,
  as noted earlier in this report, this application is being brought forward to Council for
  consideration and bylaw introductions in advance of ADP. The application is required to
  proceed to ADP for review and comment and to respond to ADP comments in advance of
  final adoption.
- The applicant is aware that if changes to the proposed CD Bylaw are required to address ADP comments, the application will need to be reconsidered by Council.

### **Landscaping**

- The landscape plan includes a mixture of trees, shrubs, grasses, perennials and groundcover to be planted throughout the subject site, as well as hardscaping, site lighting, fencing and site furnishing.
- All ground-floor units have front door access as well as a useable, semi-private patio space
  that is screened from either the adjacent public realm or outdoor amenity space through a
  combination of tiered retaining walls, layered planting and privacy fencing.
- Access to the individual, semi-private patios will be provided through either a separate gated entryway from the adjacent public or private sidewalk or through the individual dwelling units.
- The applicant proposes to provide a corner plaza at the north-west corner of the subject site, where the 106 Avenue and 145th Street frontages intersect. It will consist of bench seating, lighting, decorative paving and layered edge planting.

### **Indoor Amenity**

- The required indoor amenity space is 351 square metres, or three (3) square metres per dwelling unit. The proposed indoor amenity space is 280.84 square metres in total area which is 70.16 square metres less than the Zoning Bylaw requirement.
- On November 18, 2019, Council approved Corporate Report No. R216; 2019, which identified the minimum indoor amenity space that must be provided on-site (i.e., no cash-in-lieu). Based upon the minimum requirements for a 3- to 6-storey low to mid rise residential building, 74 square metres of indoor amenity space is required. The proposal exceeds this minimum.
- Overall, the applicant proposes to provide approximately 80% of the required indoor amenity space, and has agreed to a cash-in-lieu contribution for the proposed shortfall in accordance with City Council policy.

- The indoor amenity space is located on the fifth floor within the proposed building, directly adjacent to the fifth-floor outdoor amenity space. The space consists of a shared kitchen and dining area, open lounge, games lounge, a gym, and accessible washroom facilities.
- The proposed indoor amenity space can be accessed directly from the internal shared hallway.

### Outdoor Amenity

- The required outdoor amenity space is 351 square metres, or three (3) square metres per new dwelling unit. The proposed outdoor amenity space is approximately 939 square metres in total area, which exceeds the Zoning Bylaw requirement.
- The proposed outdoor amenity space is located within a ground level courtyard, in the southern part of the subject site, and consists of an outdoor BBQ and shared patio area, raised urban garden plots, and a children's playground area and an outdoor ping-pong table. Additional outdoor amenity space is provided on the third floor which consists of lounge seating and fire tables, and on the fifth floor which consists of a putting green.

### **Outstanding Items**

- The applicant has agreed to resolve any outstanding items identified through the
  Development Planning review process to the satisfaction of the Planning and Development
  Department before Final Adoption of the subject Rezoning By-law, should the application be
  supported by Council.
- There are a number of Urban Design items that remain outstanding, and which do not affect the overall quality of the project. These generally include:
  - o General design refinement to address ADP and staff comments;
  - o Coordination of all drawings to accurately describe the design intent;
  - Refinement of the design in particular to improve the relationship to the public realm, arrangement of architectural and character features and interfaces with the sloping ground plane; and
  - o Further refine utility and civil works integration into the proposed development.
- The applicant has been provided a detailed list identifying these requirements and has agreed
  to resolve these prior to Final Approval of the Development Permit, should the application be
  supported by Council.

### **TREES**

• Francis Klimo, ISA Certified Arborist of Klimo & Associates 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			
Deciduous Trees (excluding Alder and Cottonwood Trees)						
Common Lilac	Common Lilac 1 0					
Silver Birch	3	3	0			

Honey Locust		1	1	0
Common Cherry	1		0	1
Manitoba Maple		1	1	0
Butternut		1	1	0
Norway Maple		1	1	0
	Conife	rous Trees		
Western Red Cedar		16	16	0
Sitka Spruce	1		1	0
Douglas Fir		7	7	0
Total (excluding Alder and Cottonwood Trees)	33		32	1
		ı		
Total Replacement Trees Proposed (excluding Boulevard Street Trees)			66	
Total Retained and Replacement Trees Proposed		67		
Estimated Contribution to the Green City Program			Not Applicab	ole

- The Arborist Assessment states that there are a total of thirty-three (33) mature trees on the site (Appendix IV). There are no Alder or Cottonwood trees. The applicant proposes to retain one (1) tree as part of this development proposal. 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 proposed total of sixty-four (64) replacement trees on the site. The applicant is proposing sixty-six (66) replacement trees, meeting City requirements.
- In addition to the replacement trees, boulevard street trees will be planted on 106 Avenue and 145<sup>th</sup> Street. This will be determined by the Engineering Department during the servicing design review process.
- The new trees on the site will consist of a variety of trees including Paperbark Maple, Columnar Armstrong Maple, Autumn Blaze Maple, Princess Diana Serviceberry, Autumn Purple Ash, Sweet Gum, Serbian Spruce, and Pink Flowered Japanese Snowbell.
- In summary, a total of sixty-seven (67) trees are proposed to be retained or replaced on the site with no required contribution to the Green City Program.
- The proposed tree retention and replacement strategy will be refined as the applicant works through the detailed design process.

### INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

Application No.: 7923-0342-00

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Appendix I. 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. Guildford Plan Land Use Designations Map

approved by Ron Gill

Don Luymes General Manager Planning and Development

RO/ar

# SUREDI STEEL STEEL

## MULTI FAMILY DEVELOPMENT

14518,14528,14538,14548 & 14558 106 Ave., SURREY, BRITISH COLUMBIA

### **PROJECT INFO**

### LEGAL DESCRIPTION:

LOT 48 SECTION 19 RANGE 1 PLAN NWP19988 NWD LOT 49 BLOCK 5N SECTION 19 RANGE 1 PLAN NWP19988 NWD LOT 50 BLOCK 5N SECTION 19 RANGE 1 PLAN NWP19989 NWD LOT 51 SECTION 19 RANGE 1 PLAN NWP19698 NWD LOT 51 SECTION 19 RANGE 1 PLAN NWP19698 NWD

### CIVIC ADDRESS:

14518,14528, 14538 , 14548 & 14558 105 AVENUE. SURREY, BRITISH COLUMBIA

### ZONING INFORMATION:

ZONE: EXISTING:

PROPOSED: CD (BASED ON RM-70)

### LOT AREA:

GROSS SITE AREA - 1.43 AC. / 5.776.72 SQM
DEDICATIONS - 0.29 AC. / 1,165.51 SQM
NET SITE AREA - 1.14 AC. / 4,511.21 SQM

### PROJECT DIRECTORY

CLIENT:
TOWNSIDE DEVELOPMENTS LTD.
Surrey, B.C.
CONTACT: JASHIN JHAND

CONTACT: JASHIN JHAND T: 604-374-9000 Jashin@townside.ca

ARCHITECTURAL.
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CIVIL.;
HUB ENGINEERING INC.
Suite 212, 12992 - 76 Avenue.
Surrey, B.C. VSW 2V5
CONTACT: JESSE BAINS
T: 694.572.4328 #206
Jesse@hub-inc.com

LANDSCAPE :
PMG LANDSCAPE ARCHITECTS
C100-4185 STILL CREEK DRIVE,
BURNABY, E.C. VSC 8G8
CONTACT: Mary Yan Yip
T: 604-672-4328
Mary@pmglandscape.com

SURVEY: CAMERON LAND SURVEYING LTD. 234-18525 53rd Street, Surrey, B.C. V3S 7A4

### ARCHITECTURAL

LEVEL 5

ROOF PLAN

UNIT PLANS

UNIT PLANS

UNIT PLANS

UNIT PLANS

LIMIT PLANS

UNIT PLANS UNIT PLANS

A-206

A-207

A-220

A-221

A-222

A-223

A-224

A-225

A-226

Cat

elegory	SHEET NO.	SHEET NAME	Category	SHEET NO.	SHEET NAME
NFO.	A-001 A-002 A-003 A-004 A-005 A-006	COVER SHEET DEVELOPMENT DATA BASE PLAN GUILDFORD TOWN CENTRE PLAN CONTEXT PLAN CONTEXT PLAN CONTEXT PLAN (NEIGHBOURING LOT)	EVATIONS &	A-227 A-300 A-301 A-320 A-321 A-322	UNIT PLANS ELEVATIONS ELEVATIONS BUILDING SECTION BUILDING SECTION BUILDING SECTION
SITESIN	A-007 A-008 A-009	CONTEXT PHOTO- CURRENT SITE VIEW CONTEXT PHOTO- CURRENT SURROUNDING VIEW SHADOW STUDY	SWS ELL	A-350 A-351 A-400 A-401	SITE SECTIONS SITE SECTIONS 3D VIEWS 3D VIEWS
	A-010 A-100 A-101 A-200	OVERALL STREETSCAPE SITE PLAN SITE PLAN_FIRE DEPARTMENT PARKING LEVEL 1	5	A-500	RTU SCREENING & PRIVACY S DETAILS
FLANS	A-201 A-202 A-203 A-204 A-205	PARKING LEVEL 2 LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4			

# Appendix I







S SELECTION OF SEL

Multi-Family Development

14518,14528,14538, 14548 & 14558 106 Avenue, Surrey, R.C.

TOWNSIDE DEVELOPMENTS SURREY, B.C.



COVER SHEET

A-001 G

		DEVELOPM	ENT DATA		
FROM DESIRE	THEFT.				
EDIT 48 SECTION	19 RANGE 1 PLAN NV	NP 19688 NINE			
(0) 49 B(00X 5)	SECTION 15 RANGE	175AN MINFESSIONED	8		
LOT SO SHOOK 5N	SECTION 15 RANGE	1 PLAN MIRP 19698 NIND	No.		
LOT SESECTION	19 MANGE 1 PLAN NO	W719658 MINO			
EDIT SISECTION S	STRANGE LIFLAN NO	PSTASNAD			
Chat Appears					
14538,14628,145	38,14548,14558 1057	Ave, Soury, BC			
ZONNS NEOR	NUMBER OF				
ZONE					
EXISTENG	(RE				
PROPOSED	CB (BASED CN)	BM-70			
LOTAREA	-				
CROSS SITE ARE	A:	62,180.905q.Pt.	5,775,725q.14t	1.6 x	0.58 h
DEDICATIONS A	REAL	11,545.95 Sq.Rt.	1.165.52 Sq.Mt	0.29ac	8.12h
HET SITE AREA		48,635,655a,Ft.	4,611,215q,50t	1.34 ac	8.455
BUILDING HEIGH	et .				
PROPOSED		48.550	DREVS	E3.34 M.F	8-15.471d
UDT COVERAGE.					
PROPOSEDNON	SAOSS SITE AREA!	D4 879 75 54 78 1	232375a.M	36	25
PROPOSEDION		24,679.21 Sq.Pt.	1,212.375a.M	- 5	75
SETBACK					
MORTH (TROM)	106.RUFFNLEI			38.04 %	5.5ML
MORTH REVELS	FROM 106 AVENUE			24.600	75ML
SOUTHFROMU	ANEL			34.76省	45Mt
SOUTHLEVELS	FROM LANE			21,32%	65Mt.
EAST (FROM NE	IGHBORING LOTI			34,60 %	7.5ML
EAST (LED ELS F	FOM NEIGHBORING	101)		31, 15 ft	9.5 Mr.
WEST LAUGHNE	ENT OF FUTURE 1450	STREET)		38.65 h;	5.5 Mt.
MOAD DEDICAR					
WEST (DEDICATE	TON FOR FUTURE Rd.	of 145th St.)		32.75 h	11,5 Mt.
	EDICATION FOR LAN	er.		19.658	50Mt

रकार ततन	NO. OF SWITE	CARS PER DWEILING	NO. OF CARS.	-541
OR NO SECROOMS	70	11	79.2	79
ON MORE BEORDONS	44	11	45.4	-45
VISTOR PARRING	115	11.6	- 11	
NO. OF PARKING REQUIRED IN	LUDING VISITOR PARKIS	NC)	199.2	138
	CLUDING VISITOR PARK		Z I	153
NO. OF PARKING REQUIRED IN NO. OF PARKING PROPOSED (I	CLUDING VISITOR PARK ING PROPOSED PARKING PROPOSEDEIN	ING)		15% 25%
NO. OF PARKING REQUIRED IN NO. OF PARKING PROPOSED IN 1954LING. OF SMALL CAR PARK	CLUDING VISITOR PARK ING PROPOSED PARKING PROPOSEDEIN	LUCING SVAN	Z I	150
NO. OF PARKING REQUIRED IN NO. OF FARKING PROPOSED (I TOTAL NO. OF SMINLL CAR FARK TOTAL NO. OF ALCISSIBLE CAR	RUDDAS (HEDDE SADA INS PROPOSIDE PRINCIPS PROPOSIDEN BICY)	CLE SPACES	22 7	150

	AME	NITY SPACE		
CUTUODS AMENTY:	NO OF UNITS.	AREA PER UNIT	140	Eà
REQUIRED / DWELLING UNIT	186	3005s M.	LM485cR	MBSc M.
TOTAL DUTTOOOR AMERITY SEQ.	1922		\$74.85kR	348 Sq.34.
TERM, OUTDOOR AMENTY PROP	OSED ENCLOSIVE LE	PE. 163,5)	10,106,45 Sq.Ft	MIRSON.
INDOORAMENITY				
REQUIRES / MICRO UNIT		4:00 Sq.Mr.	0.005q.Ft.	D:005q.M.
REQUIRED / DWELLING UNIT	116	3.00 Sq.M.	\$.784,48 Sq.Pt.	388.0054.M
TOTAL INDOOR MARKITY REGILE	(ED)		5.760.4850 Pr	348.00 St M
TOTAL INDOOR AMENITY PROPU	SED ON STHUTLOOR		3/93/00 St.Pt.	280.84 Sq.M

				UNIT SCHE	DULE				
FLOOR	TYPE	LEVEL 1	LEVEL 2	TENET 3	LEVEL 4	LEVELS	TOTAL AREA (SQ.FT)	TOTAL AREA: (SQ.M.)	NO. OF UNIT
UNIT "A"	1 BEDRM.+1 BATH.+1 DEN	141	0	0	0	- 0	686.86 Sq.Ft.	63.81 Sq.Mt.	324
UNIT "AI"	1 BEDRM + 1 BATH +1 DEN	52	0	0	0	0	649.00 Sq.Ft.	60.29 Sq.Mt.	-1
UNIT "AZ"ADAPTABLE	1 BEDRM + 1 BATH +1 DEN	0	13	:5	5	2.6	692.35 Sq.Ft.	64.32.5q.Mt	23
UNIT "A3"	1 SEDRML+1 SATH	0	10	0	0	0	649.00 Sq.Ft.	60.29 Sq.Mt.	- 1
UNIT "A4"	1 BEDRM + 1 BATH +1 DEN	-0	0	1	10	- 20	587.11 Sq.Ft.	63.83 Sq.Mt.	-2
UNIT "AS"	1 SEDRM.+ 1 SATH +1 DEN	-0	1	1	1	- 34	660.75 Sq.Pt.	61.38 Sq.Mt.	34
UNIT 18"	1 BEDRM + 1 BATH +1 DEN	(3)	1	1	1		673.11 Sq.Ft.	62.53 Sq.Mt.	- 54
UNIT "B1"	1 BEDRM + 1 BATH +1 DEN	1.2	1	21	1	1/4	675.26 Sq.Ft.	62.73 Sq.ML	5
UNIT "C"	1 BEDRML+1 BATH +1 DEN	- 11	1	- 31	1		625.19 Sq.Ft.	58.08 Sq.Mt.	- 4
UNIT "CI"	1 BEDRML+1 BATH +1 DEN	- 1	1	7.1	1.		657.57 Sq.Pt.	61.09 Sq.Mt.	5
UNIT "D"	1 BEDRML+1 BATH+1 DEN	-0	1	12	1	. 0	632.81 Sq.Ft.	58.79 Sq.Mt.	- 3
UNIT "D1"	1 BEDRM + 1 BATH +1 DEN	0	1.	94	1	0	562.17 Sq.Ft.	52.23 Sq.Mt.	. 3
INIT "E"	1 BEDRM + 1 BATH +1 DEW	. 0	17	. 0	0	- 0	628.38 Sq.Ft.	58.38 Sq.Mt.	1
INIT. E.	STUDIO	1	0	0	0	0	482.53 5q.Ft.	44.83 5q Mt.	- 11
INIT "G"	STUDIO	1	0:	0.0	0	0	584.00 Sq.Ft.	45.82 Sq.Mt	1
JNFT."H"	2 BEDRM +2 BATH +1 DEN	71	1.	51	1	0	951.00 Sq.Pt.	88.35 Sq.Mt.	4
JNIT"H1"	2 SEDRM +2 SATH +1 DEN	- 11	10	(1	1	-0	942.08 Sq.Ft.	87.52 Sq Mt.	14
JNIT "H2"	2 BEDRM.+2 BATH +1 DEN	- 0	0	- 2	2	0	1.011.36 Sq.Ft.	53.96 Sq.Mt.	4
JNIT"H3"	2 BEDRM +2 BATH +1 DEN	0	0	-1	17	0	1.013.17 Sq.Ft.	94.125a.Mt.	2
INIT "H4"	2 BEDRM +2 BATH +1 DEN	0	0	- 1	1	0	988 58 So. Pt	91.84 5a Mr.	2
INIT "HS"	2 8EDRM +2 BATH +1 DEN	-0	0	- 74	1	-0	952.04 Sq.Ft.	88.44 Sq.Mt.	-2
INIT"("	2 BEDRM +2 BATH	1	0	OD	0	0	795,66 54.Ft.	74.01 So Mt	- 1
UNIT'T	2 BEDRM +2 BATH	0	1	- 1	1	0	865 61 Sq.Pt.	80.47 So Mr.	13
JNET "K"	2 BEDRM.+2 BATH	-0	1	1	1	.0	792.84 Sq.Ft	73.65 So.MR	3
JNIT"KI"	2 BEDBM +2 BATH +1 DEN	-0	1	- 1	1	0	934,50 Sq.Ft.	86 82 50 Mt.	3
INT "L"	2 BEDRM.+2 BATH +1 DEN	-0	0	-1	1	/0	1.016.85 Sq.Ft.	94.47 Sq.Mt.	2
IMT "M"	2 BEDRM +2 BATH	0	0	10	0	1	875,91 Sq.Ft.	81.46 Sq.Mt.	
INETW	2 BED8M +2 BATH +1 DEN	.0	0	< 0	0		872.46 Sq.Ft.	81.05 Sq.Mt.	1
NIT"O"	2 BEDRM.+2 BATH	21	0	-0	0	0	875.41 Sq.Ft.	81.32 Sq.Mt.	1
JNIT "P"	3 BEDRM.+2 BATH	0	0	0	0	11	1.099.43 So.Ft.	102.14 So.Mt.	- 1
JINIT "O"	3 BEORM.+2 BATH +1 DEN	0	0	.0	0	-1	1,356,34 Sq.Ft.	126.00 Sq.Mt.	1
SNET "R"	3 BEORM.+2 BATH	0	0	0	0	11	1,055,99 Sq.Ft.	98.10 Se.Mt.	1
JNIT "S"	3 BEORM.+2 BATH	- 1	1	-1	1	0	1,032,41 Sq.Ft.	95.91 St. Mt.	4
JNIT "S1"	3 BEDRM +2 BATH	21	1	1	1	0	1.135.63 So.Ft.	105.50 Sq.Mt.	4
TOTAL NO. OF DWELLING UNITS		10	29	- 18	26				m
TOTAL SELLABLE AREA							28,055,98 Sq.Pt.	2501.49 Sq.Mt.	

F.A.R							
# STORE A PARTIE DANCE							
EVR.1 25,298.51.5q.Pc 2,198.97.5q.Mr							
LEVEL 2	24,029,21.5q.Pt.	2,232,3154,96.					
IPVEL3	23,947,385q.Pt.	2,234,7154,Mb					
IEVS; 4	23,536,545q.Pt.	2,225,365q.Mt.					
IEVO.S	12,449.52.5q.Pt.	1,156.56.5q,Mt					
TOTAL INDOOR AMENITY	3,003.2354.Rt.	281.95 Sq.MA.					
DETAL BUILDARI FAREA	130,609,7956,70	10/282755648					
F.A.R. (NET SITE AREA) EXCLUDING AMENITIES	107.856.565e,7c	2.17					
F.A. R. (GROSS SITE AREA) ENTITIONING AMERITES	107.995.56 Se Pc	1.79					

UNIT PERCENTAGE			
UNITATIFE	NO OF UNITS	PERCENTAGE	
STUDIO	2	1.7%	
1 BED	70	60.3%	
2 850	33	28.4%	
3 BED	11	9.5%	
TOTAL N OF UNITS	116	100%	
ACAPTABLE UNITS	24	215	





Multi-Family Development 14518,14528,14538, 14548 & 14558 105 Avenue, Surrey, B.C.

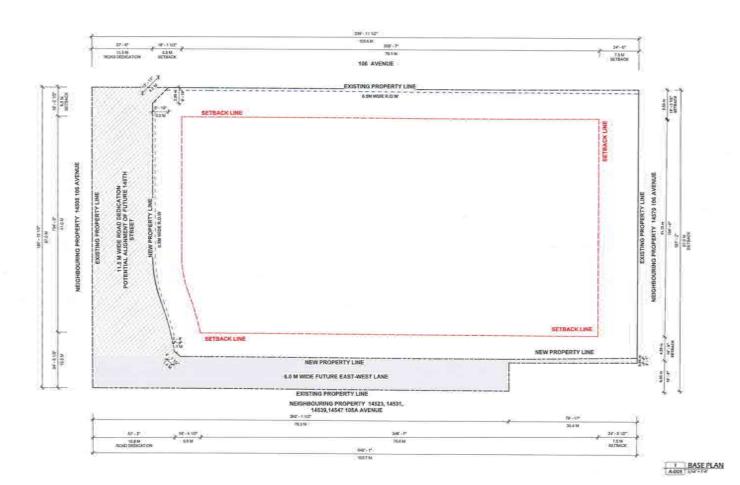
TOWNSIDE DEVELOPMENTS SURREY, B.C.



DEVELOPMENT DATA

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Description of the control of the co

Multi-Family Development

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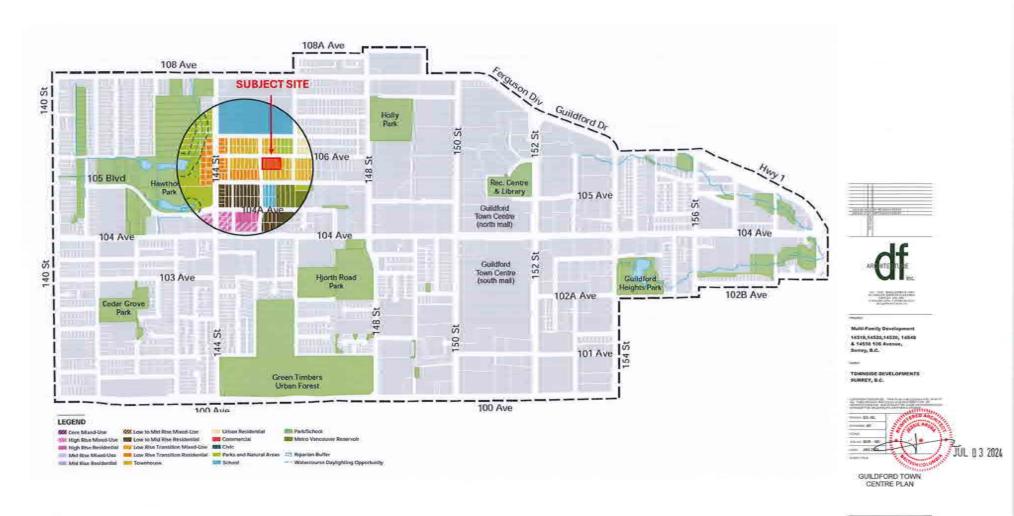
TOWNSIDE DEVELOPMENTS SURREY, B.C.



BASE PLAN

A-003 G





A-004 G









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Multi-Family Development 14518,14528,14538, 14548 8-14538-105 Avenue, Surrey, B.C.

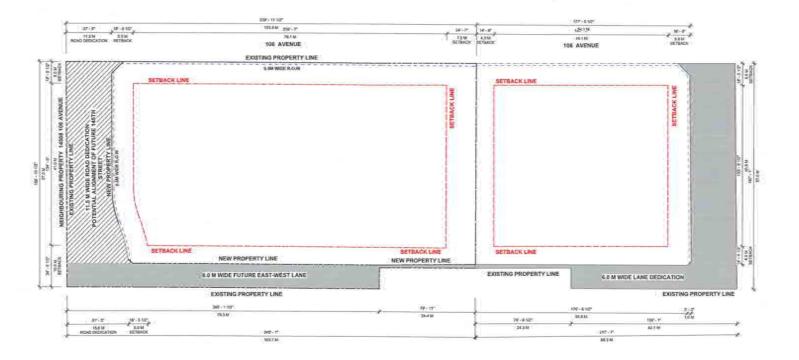
TOWNSIDE DEVELOPMENTS SURREY, B.C.



CONTEXT PLAN

A-005

G





MOTES:









Multi-Family Development (4518 14528 14538, 14548

14518,14528,14538, 14548 & 14558 106 Avenue, Surrey, B.C.

TOWNSIDE DEVELOPMENTS SURREY, B.C.



CONTEXT PLAN (NEIGHBOURING LOT)

A-006 G





1. NORTH-EAST VIEW LOT 14548 &14538 &14528 &14518



2. NORTH VIEW LOT 14548 &14538 &14528 &14518



3. NORTH-WEST VIEW LOT 14548 &14538 &14528 &14518



4. NORTH-WEST NEIGHBOURING



5. NORTH-EAST NEIGHBOURING

MOTES:







-

Multi-Family Development 14518,14528,14538, 14548 & 14558 106 Avenue, Surrey, B.C.

-

TOWNSIDE DEVELOPMENTS SURREY, B.C.



CONTEXT PHOTO-CURRENT SITE VIEW

A-007

G



5 SHRJECT SITE LOCATION



5. WIDE VIEW FROM WEST 106 AVE



6. WIDE VIEW FROM EAST 106 AVE



1. NORTH-EAST VIEW OPPOSITE TO SITE (106 AVE)



2. NORTH VIEW OPPOSITE TO SITE (106 AVE)



3. NORTH-WEST VIEW OPPOSITE TO SITE (106 AVE)



4. VIEW FROM 146 ST

WOTE







E NOTE DE LES

HOLD

Molti-Family Development 14518,14528,14538, 14548 8 14558 105 Avenue, Survey, B.C.

TOWNSIDE DEVELOPMENTS SURREY, B.C.



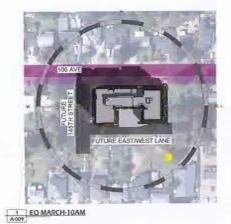
CONTEXT PHOTO-CURRENT SURROUNDING VIEW

(Steam

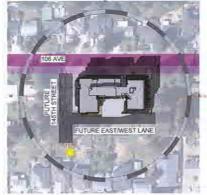
A-008

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JTURE EASTIWEST LANE

3 EQ MARCH-2PM





14518,14528,14538, 14548 & 14558 106 Avenue, Surrey, B.C.

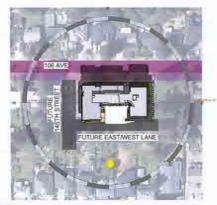
TOWNSIDE DEVELOPMENTS SURREY, B.C.



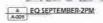
SHADOW STUDY

A-009





5 EQ SEPTEMBER-NOON



106 AVE









106 AVENUE

TOTAL 14TH TOTAL 15TH TOTAL 15TH

6.0 M WIDE FUTURE EAST-WEST LANE

OVERALL STREETSCAPE [106 AVE]

STATE OF THE STATE



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Multi-Family Development 14518,14528,14538, 14548 & 14558 106 Avenue, Surrey, B.C.

TOWNSIDE DEVELOPMENTS SURREY, B.C.

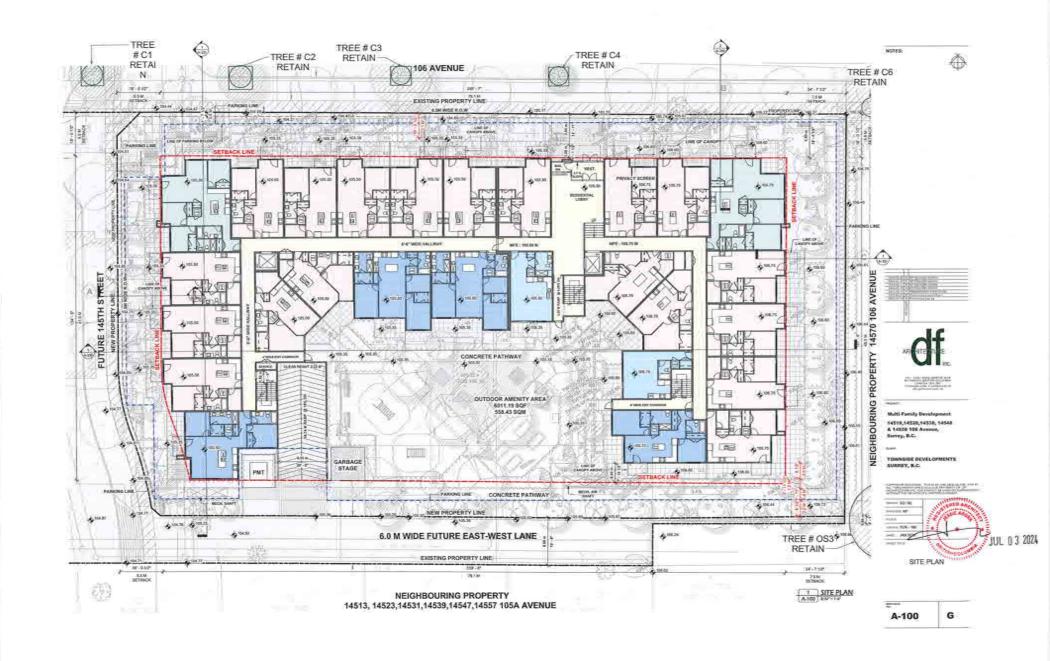


OVERALL STREETSCAPE

A-010 G



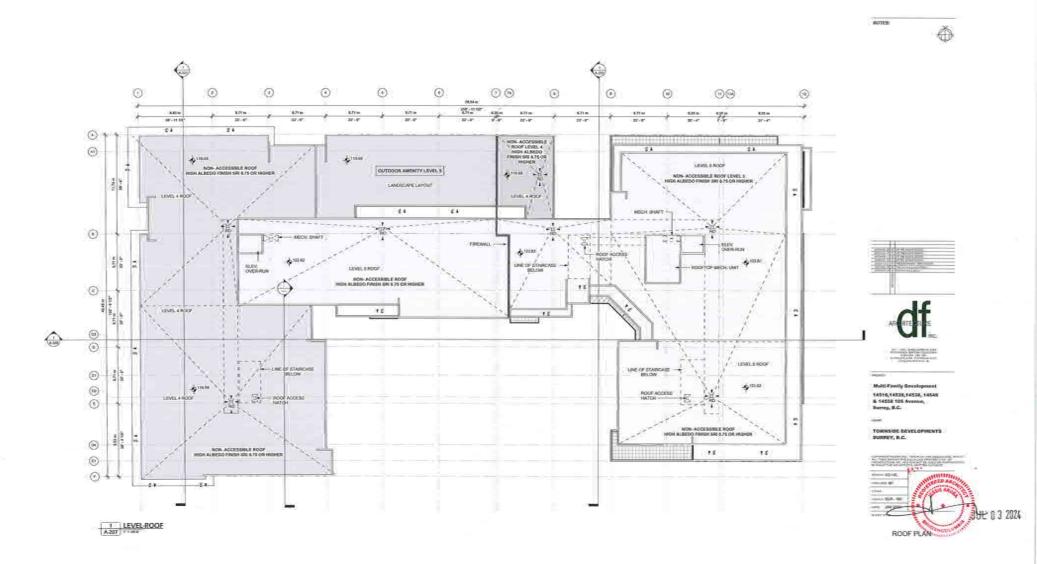
3 STREETSCAPE (FUTURE 1455T)







A-206 G



A-207

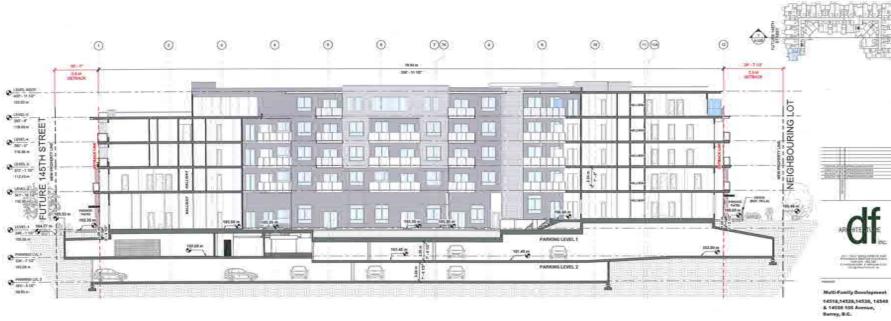
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1 BUILDING SECTION 1

1.00

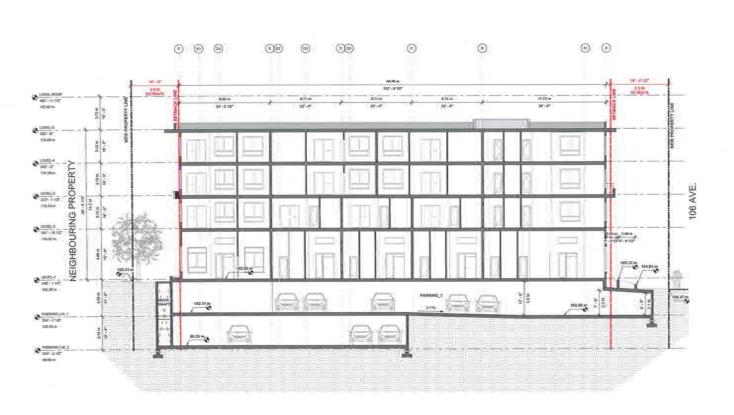
TOWNSIDE DEVELOPMENTS SURREY, B.C.



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BUILDING SECTION

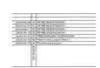
A-320



1 BUILDING SECTION 2



WOTES:







Multi-Family Development 14516,14528,14536, 14548 8 14558 106 Avenue, Surrey, B.C.

TOWNS DE DEVELOPMENTS SURREY, B.C.



BUILDING SECTION

A-321 G





VIEW FROM 106TH AVE. (NORTH-EAST)





EXHIBIT SECTION OF THE PROPERTY OF THE PROPERT

Multi-Family Development 14518,14528,14538, 14548 £ 14558 105 Avenue, Surrey, B.C.

TOWNSIDE DEVELOPMENTS SURREY, B.C.



3D VIEWS

A-400

G







1 VIEW FROM FUTURE EAST-WEST LANE



2 VIEW FROM FUTURE 145TH ST. [SOUTH-WEST]





SOUTH PRODUCTS
SOUTH

200

Multi-Family Development 14516,14528,14538, 14548 & 14558 106 Avenue, Surrey, B.C.

TOWNSIDE DEVELOPMENTS

3D VIEWS

The second secon

A-401

G









PMG PROJECT NUMBER: 23-055

6CM CAL: 2M STD: B&B

6CM CAL; 2M STD; B&B 6CM CAL; 1.8M STD; B&B 6CM CAL; 1.5M STD; B&B 6CM CAL; 1.8M STD; B&B 6CM CAL; 2M STD; B&B

6CM CAL 1.8M STD; B&B

2.5M HT: B&B

PLANT SCHEDULE

ACER GRISEUM ACER RUBRUM 'ARMSTRONG'

STYRAY JAPONICUS PINK CHIMES

66 REPLACEMENT TREES REQUIRED, 66 REPLACEMENT TREES PROVIDED.

PICEA OMORIKA

ACER X FREEMANII 'AUTUMN BLAZE'
AMELANCHIER X GRANDIFLORA 'PRINCESS DIANA'
FRAXINUS AMERICANA 'AUTUMN PURPLE'
LIQUIDAMBAR STYRACIFLUA

COLUMNAR ARMSTRONG MAPLE

PINK FLOWERED JAPANESE SNOWBEL

AUTUMN BLAZE MAPLE

SWEET GUM

NOTES: \*PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD, LATEST EDITION.
CONTAINER SIZES SPECIFIED AS PER ONLA STANDARD. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. \* REFER TO CONTAINER DIZES SPECIFIED AS PER CALA STANDARD, BOTH PLANT SIZE AND CONTAINES DIZE AND THE MINIMAL ACCEPTAGE SIZES. "SEERS IT WAS AND CONTAINES DIZE AND THE THE MINIMAL ACCEPTAGE SIZES." SEERS IT WAS AND CONTAINES DIZE AND THE THE MINIMAL ACCEPTAGE SIZES. "SEERS IT WAS AND AND THE MINIMAL PLANT THE

SERBIAN SPRUCE

REVISION DESCRIPTION

CLIENT

PROJECT:

### RESIDENTIAL DEVELOPMENT

14518,14528,14538, 14548 & 14558 106 AVENUE

SURREY, B.C.

DRAWING TITLE:

### LANDSCAPE PLAN

23.AUG.31 1:200 DESIGN: CHK'D:

EMERALD GREEN CEDAR

DAVID'S VIBURNUM

PURPLE WEIGELA

BILIEBEDDA

1.8M HT: B&B

#3 POT; 60CM #3 POT; 50CM

#3 POT; 60CM

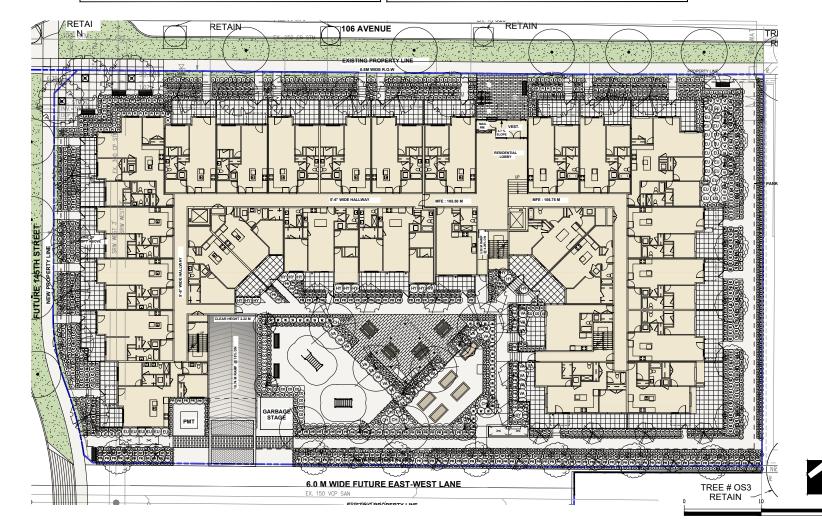
THUJA OCCIDENTALIS 'SMARAGD'

VACCINIUM CORYMBOSUM

WEIGELA FLORIDA 'PURPUREA

GRASS				
(0)	168	CAREX OSHIMENSIS 'EVERGOLD'	EVERGOLD JAPANESE SEDGE	#1 POT
`€	150	FESTUCA CINEREA	BLUE FESCUE	#1 POT
∺	201	PENNISETUM ALOPECUROIDES 'HAMELIN'	DWARF FOUNTAIN GRASS	#1 POT
PEREN	NIAL			
(E)	54	HEMEROCALLIS 'STELLA D'ORO'	DAYLILY; YELLOW	#1 POT; 1-2 FAN
ଳ	54	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	15CM POT
©,	87	RUDBECKIA FULGIDA VAR SULLIVANTII 'GOLDSTUF	RMRUDBECKIA; YELLOW	15CM POT
(A)	434	ARCTOSTAPHYLOS UVA-URSI 'VANCOUVER JADE'	KINNIKINNICK	#1 POT; 20CM
ଚ	114	ERICA x DARLEYENSIS 'FURZEY'	WINTER HEATH; DARK ROSE-PURPLE	#1 POT
8	66	ERICA x DARLEYENSIS 'SILBERSCHMELZE'	WINTER HEATH; WHITE	#1 POT
ଞ	31	FRAGARIA CHILOENSIS	BEACH STRAWBERRY	9CM POT
×	20	POLYSTICHUM MUNITUM	WESTERN SWORD FERN	#1 POT; 25CM

NOTES - PAINT SIZES IN THE LIST MES SECRETED ACCORDING TO THE SIZE AMERICANES STANDARD AND CANADIAN LANGSCARE STANDARD. LATEST EDITION CONTINUES COSTS DESCRIPTION FOR DEFENDED AND CANADIANS CHARACTERS. AND CANADIANS CHARACTERS CANADIANS CHARACTERS CANADIANS CHARACTERS CANADIANS CHARACTERS. AND CANADIANS CHARACTERS CHARACTERS CHARACTERS CHARACTERS CHARACTERS. AND REFEREN MAKE AND REFEREN MAKE AND PRIVATE MAKE AND REFEREN MAKE AND PRIVATE MAKE AND PRIVATE MAKE AND REFEREN MAKE AND THE MAKE AND PRIVATE MAKE AND PR



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LANDSCAPE ARCHITECTS
Suite C100 - 4185 Still Creek Drive

Burnaby, British Columbia, V5C 6G9 p: 604 294-0011; f: 604 294-0022

SEAL:

2 BAINS 28 NEW SITE PLANCIST COMMENTS
2 BAINS 28 NEW SITE PLANCIST COMMENTS
2 BAINS 20 NEW SITE PLANCIST COMMENTS
2 BAINS 20 NEW SITE PLANCIST
2 BAINS 2

PROJECT:

CHENT

RESIDENTIAL DEVELOPMENT

14518,14528,14538, 14548 & 14558

106 AVENUE SURREY, B.C.

DRAWING TITI

LANDSCAPE SHRUB PLAN

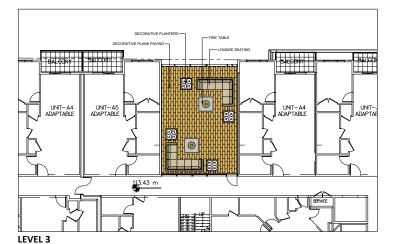
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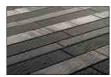
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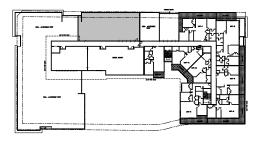


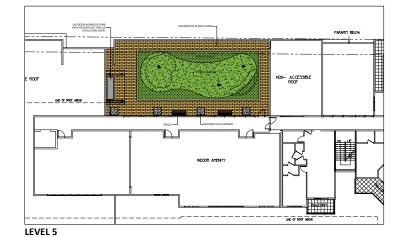


PLANT SCHEDULE LEVEL 3				PMG PROJECT NUMBER: 23-055
KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS
GRASS				
(m)	10	FESTUCA CINEREA	BLUE FESCUE	#1 POT
PERENN	HAL			
Θ	10	LAVENDULA ANGUSTIFOLIA 'HIDCOTE BLUE'	ENGLISH LAVENDER; COMPACT; DEEP PURPLE	#1 POT

NOTES \* PLANT SIZES IN THIS LIST ARE SPECIFED ACCORDING TO THE BIC LANDSCAPE STANDARD AND CANADAM LANDSCAPE STANDARD. LATEST EDITION.
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PROVIDED FROM CERTIFIED DEBASE REFER AND MISSEN' 1900 AND PREMETTED IN GROWING MICHIBAL MUST SEE AUTHORIZON OF LANDSCAPE AND ADMINISTRATION OF CONTIONED AND ATTER STANDARD LATEST EDITION. \* ALL PLANT MATERIAL MUST SEE
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\*\*\*CONTINUED AND ADMINISTRATION OF CONTIONED AND A













PLAN	NT S	CHEDULE LEVEL 5		PMG PROJECT NUMBER: 23-055
KEY	QTY	BOTANICAL NAME	COMMON NAME	PLANTED SIZE / REMARKS
GRASS PERENI	8	FESTUCA CINEREA	BLUE FESCUE	#1 POT
Θ	8	LAVENDULA ANGUSTIFOLIA 'HIDCOTE BLUE'	ENGLISH LAVENDER; COMPACT; DEEP PURPLE	#1 POT
NOTES: *PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD, LATEST EDITION. CONTAINER SIZES SPECIFIED AS PER CNLA STANDARD. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. *REFER TO				

CONTAINER JUZZ SPECIFIED AS PER CRUA STANDARD, SOTH PLANT SEZ AND CONTAINER SEZ ART THE MINIMAR ACCEPTABLE SIZES. "REFER TO SPECIFICATIONS FOR DEFERRED CONTAINER MEASUREMENTS AND OTHER PLANT METERAL REQUIREMENTS." A SEARCH AND REVIEW, WHICH PLANT METERAL PLANT METERAL



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SEAL:

6	24.JUN.25	NEW SITE PLAN/CITY COMMENTS	
5	24JUN.20	NEW SITE PLAN/CITY COMMENTS	
4	24.JUN.05	NEW SITE PLAN/CITY COMMENTS	
3	24.APR.10	NEW SITE PLAN	
2	24.APR.03	NEW SITE PLAN / CITY COMMENTS	
1	23.5EP.07	UPDATE CORNER PLAZA	
NO.	DATE	REVISION DESCRIPTION	

PROJECT:

CLIENT

RESIDENTIAL DEVELOPMENT

14518,14528,14538, 14548 & 14558 106 AVENUE

SURREY, B.C.

DRAWING TITLE

### UPPER LEVEL AMENITY AREAS

DATE:	23.OCT.19	DRAWING NUMBER:
SCALE:	1:100	
DRAWN:	DO	15
DESIGN:	DO	
CHKD:	MCY	OF 5



TO: Director, Development Planning, Planning and Development Department

FROM: Manager, Development Services, Engineering Department

DATE: **June 27, 2024** PROJECT FILE: **7823-0342-00** 

**RE: Engineering Requirements** 

Location: 14518 106 Ave

### REZONE/SUBDIVISION

### Property and Right-of-Way Requirements

- Dedicate 11.5 16.25 m for 145 Street;
- Dedicate 6 metres for residential lane;
- Dedicate corner cuts as required; and
- Register 0.5 m statutory right-of-way (SRW) along 106 Avenue and 145 Street.

### **Works and Services**

- Construct south side of 106 Avenue;
- Construct east side of 145 Street;
- Construct residential lane;
- Provide downstream analyses of sanitary and drainage system to confirm capacity, and address constraints as required;
- Construct adequately-sized service connections (drainage, water, and sanitary); and
- Construct/upgrade required fronting servicing mains (drainage, water, and sanitary).

A Servicing Agreement is required prior to Rezone/Subdivision.

# OCP AMENDMENT/TCP AMENDMENT DEVELOPMENT PERMIT

There are no additional engineering requirements relative to the proposed OCP and TCP amendments, and the associated Development Permit.

Jeff Pang, P.Eng.

Jeffy lang

Manager, Development Services

MS





Planning and Demographics June 19, 2024 City of Surrey Department:

Date: Report For:

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

Application #:

23-0342

The proposed development of 117 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 19
---

Projected Number of Students From This Development In:				
Elementary School =	11			
Secondary School =	5			
Total Students =	16			

Hjorth Road Elementary		
Enrolment	327	
Operating Capacity	229	
# of Portables	5	
Guildford Park Secondary		
Enrolment	1390	
Operating Capacity	1050	
# of Portables	11	

### Summary of Impact and Commentary

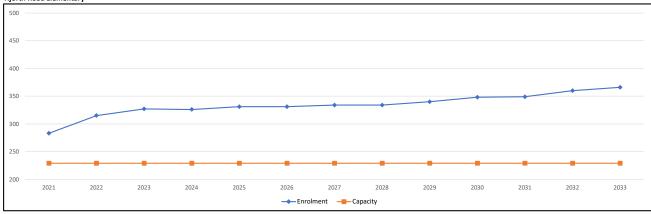
The following tables illustrate the historical, current and future enrolment projections ncluding current/approved ministry operating capacity for the elementary and secondary schools serving the proposed development.

As of September 2023, Hjorth Road is at 143% capacity. There are currently 5 portables on site accommodating this over capacity. The Guildford plan calls for significant redevelopment throughout the area over the coming decades which will see enrolment at Hjorth Road continue to grow.

In response, the District's 2025/2026 Five Year Capital Plan, contains a significant addition to Hjorth Road Elementary. The Ministry of Education and Child Care has not yet approved funding for this

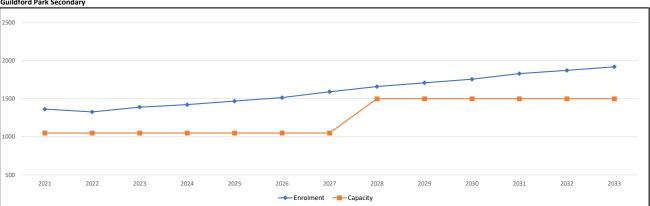
As of September 2023, Guildford Park is operating at 133% and is projected to rapidly grow. The adoption of the Guildford Plan in the area will significantly increase density moving forward. In May 2023, the District received capital funding approval from the Ministry to build a 450-capacity addition, targeted to open in the spring of 2028.

### **Hjorth Road Elementary**



Note: If this report is provided in the months of October, November and December, the 10-year projections are out of date and they will be updated in January of next year.

### **Guildford Park Secondary**



Note: If this report is provided in the months of October, November and December, the 10-year projections are out of date and they will be updated in January of next year.

**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.

KLIMO & ASSOCIATES Ltd. June 27, 2024

### **7.0 SUMMARY OF TREE PRESERVATION BY TREE SPECIES:**

Appendix IV

Tree Species	Existing	Remove	Retain			
Tree Species		nd Cottonwood Tree(s)	Retaill			
Alder						
	Cottonwood					
	Deciduous Trees (Excluding Alder and Cottonwood Tree(s))					
Common Lilac	1	1	0			
Silver birch	3	3	0			
Honey locust	1	1	0			
Common cherry	1	0	1			
Manitoba maple	1	1	0			
Butternut	1	1	0			
Norway maple	1	1	0			
, .						
	С	oniferous Tree(s)				
Western redcedar	16	16	0			
Sitka spruce	1	1				
Douglas fir	7	7				
Total	33	32	1			
(Excluding Alder and		_				
Cottonwood Tree(s))						
Additional Trees in the						
proposed Open Space /						
Riparian Area						
Total Replacement Trees Pr	•		0			
(Excluding Boulevard Street Tree(s						
Total Retained and Replace			1			
(Total + Total replacement tree(s) proposed)						

<sup>\*</sup>Please note: The trees identified in the table consists of only on-site, shared trees that are bylaw sized and incudes trees within boulevards, proposed streets, and lanes

### **8.0 TREE PRESERVATION SUMMARY**

Surrey Project No: N/A

Address: 14518, 14528, 14538, 14548, 14558 106 Ave, Surrey

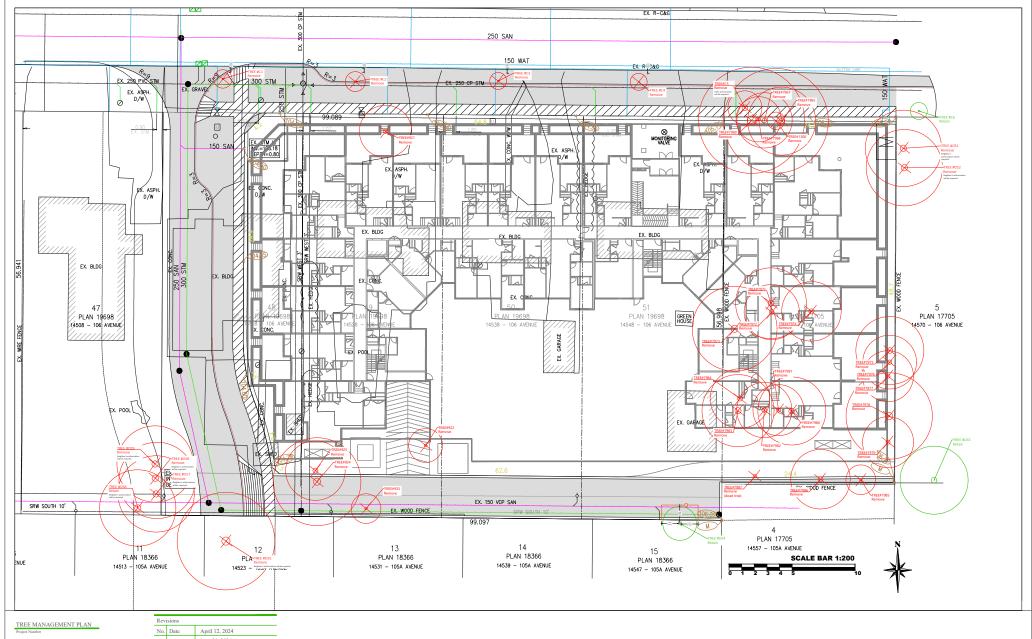
Registered Arborist: Francis Klimo

On-Site Trees	Number of Trees
Protected Trees Identified	33
(on-site and shared trees, including trees within boulevards and proposed streets and lanes,	
but excluding trees in proposed open space or riparian areas and non-bylaw protected trees)	
Protected Trees to be Removed	32
Protected Trees to be Retained	1
(Excluding trees within proposed open space or riparian areas)	
Total Replacement Trees Required:	
Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio  0	0 64
Replacement Trees Proposed	0
Replacement Trees in Deficit	64
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 Removed	7
Total Replacement Trees Required:	
Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio	
0 X one (1) = 0	0
All other Trees Requiring 2 to 1 Replacement Ratio	
7 X two (2) = 14	14
Replacement Trees Proposed	0
Replacement Trees in Deficit	1

Summary, report and plan prepared and submitted by:

Francis kelmo	June 27, 2024
(Signature of Arborist)	Date



TREE MANAGEMENT PLAN
Project Number

October 20, 2023
Soale 1:200
Drawn
Checked

Francis R. Klimo ISA Certified Arborist #PN-8149A ISA Certified Tree Risk Assessor (TRAQ) BC Wildlife Danger Tree Assessor #7193

No. Date April 12, 2024
June 21, 2024
June 27, 2024

Consultants

14518, 14528, 14538, 14548, 14558 106 Ave, Surrey

Klimo & Associates

