

City of Surrey PLANNING & DEVELOPMENT REPORT Application No.: 7924-0177-00

Planning Report Date: September 09, 2024

PROPOSAL:

- NCP Amendment from 'Low Density Cluster' to 'Medium Density Cluster'.
- Rezoning from A-1 to R4 and CD
- Development Permit
- Subdivision

to allow subdivision into nine (9) single-family lots, and one (1) townhouse lot containing 125 townhouse units, and three (3) lots for open space and riparian protection purposes.

LOCATION: 18494 - 79 Avenue

ZONING: A-1

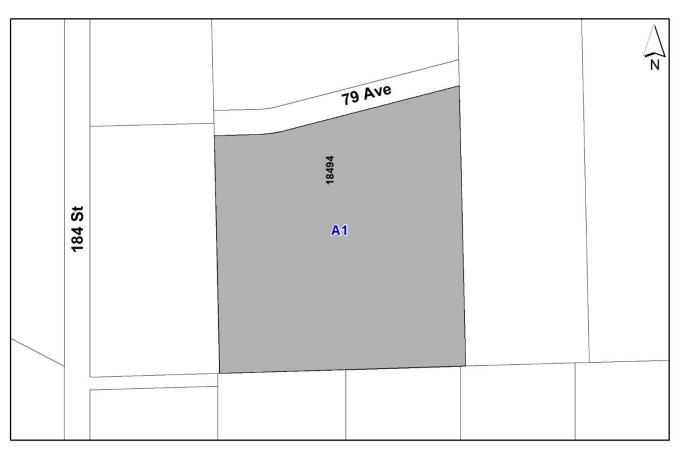
OCP DESIGNATION: Urban

NCP DESIGNATION: Low Density Cluster, Existing and

Proposed Roads, and Green Density

Transfer (Forest

Preservation/Restoration).



RECOMMENDATION SUMMARY

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

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

• Proposing an amendment to the West Clayton Neighbourhood Concept Plan (NCP) from 'Low Density Cluster' to 'Medium Density Cluster'.

RATIONALE OF RECOMMENDATION

- The proposal complies with the 'Urban' designation in the Official Community Plan (OCP).
- The proposal complies with the 'General Urban' designation in the Metro Vancouver Regional Growth Strategy (RGS).
- 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.
- The proposed density and building form are appropriate for this part of West Clayton.
- The proposal complies with the Development Permit requirements in the OCP for Sensitive Ecosystems (Streamside Areas & Green Infrastructure Areas).
- The proposal generally complies with the Development Permit requirements in the OCP for Form and Character.
- The proposed setbacks achieve a more urban, pedestrian streetscape in compliance with the West Clayton Neighbourhood Concept Plan (NCP) and in accordance with the Development Permit (Form and Character) design guidelines in the OCP.
- The proposed building achieves an attractive architectural built form, which utilizes high quality materials and contemporary lines. The street interface has been designed to a high quality to achieve a positive urban experience between the proposed building and the public realm.
- The applicant will provide a density bonus amenity contribution consistent with the Tier 2
 Capital Projects Community Amenity Contributions (CACs), in support of the requested
 increased density.

RECOMMENDATION

The Planning & Development Department recommends that:

- 1. Council endorse the Public Notification to proceed for a By-law to rezone a portion of the subject site shown as Blocks "1" and "2" on the attached Block Plan from "General Agriculture Zone (A-1)" to "Comprehensive Development Zone (CD)" (Appendix I).
- 2. Council endorse Public Notification to proceed for a By-law to rezone a portion of the subject site shown as Blocks "3" and "4" on the attached Block Plan from "General Agriculture Zone (A-1)" to "Small Lot Residential Zone (R4)" (Appendix I).
- 3. Council authorize staff to draft Development Permit No. 7924-0177-00 generally in accordance with the attached drawings (Appendix II) and the finalized Ecosystem Development Plan.
- 4. Council instruct staff to resolve the following issues prior to final adoption:
 - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
 - (b) submission of a subdivision layout to the satisfaction of the Approving Officer;
 - (c) resolution of all 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) the applicant satisfy the deficiency in tree replacement on the site, to the satisfaction of the Planning and Development Department;
 - (g) submission of a finalized Ecosystem Development Plan and Impact Mitigation Plan to the satisfaction of City staff;
 - (h) conveyance of riparian areas and Biodiversity Conservation Strategy areas to the City;
 - (i) 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;
 - (j) submission of a finalized lot grading plan to the satisfaction of City Staff;
 - (k) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department;

- (l) registration of a volumetric right-of-way for public rights-of-passage over the publicly accessible open space (corner plazas) within the site;
- (m) registration of access easements to ensure access to the proposed shared parking and amenity facilities within the development;
- (n) registration of a Section 219 Restrictive Covenant to specifically identify the allowable tandem parking arrangement and to prohibit the conversion of the tandem parking spaces into livable space;
- (o) 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; and
- 5. Council pass a resolution to amend the West Clayton Neighbourhood Concept Plan (NCP) to redesignate the land from "Low Density Cluster" to "Medium Density Cluster" when the project is considered for final adoption (Appendix VII).

SITE CONTEXT & BACKGROUND

Direction Existing Use		OCP/NCP	Existing Zone	
		Designation		
Subject Site	Vacant sites, with a	OCP: Urban	A-1	
	watercourse.			
		NCP: Low Density		
		Cluster		
North (across unopened 79	Vacant sites, with a	OCP: Urban	A-1	
Avenue):	watercourse.			
		NCP: Low Density		
		Cluster		
East:	Vacant site with a	OCP: Urban	A-1	
	watercourse.			
		NCP: Low Density		
		Cluster		
South:	Single family	OCP: Urban	A-1	
	dwellings on large			
	multi-acre sites,	NCP: Medium		
	under	Density Cluster		
	Development			
	Application No.			
	7922-0262-00 (pre-			
	Council).			
West:	Single family	OCP: Urban	A-1	
	dwelling on a large			
	multi-acre site.	NCP: Low Density		
		Cluster		

Context & Background

- The 4.14-hectare subject site is comprised of one lot located on the south side of unopened 79 Avenue, east of 184 Street. The subject site is designated "Urban" in the Official Community Plan (OCP) and is zoned "General Agricultural Zone (A-1)".
- The subject lot was created through a subdivision completed under Development Application No. 7923-0263-00. The parent parcel encompassed lots formerly addressed as 18478 and 18504 80 Avenue. The aforementioned application facilitated the subdivision of the two lots to two new lots (18484 80 Avenue and the subject parcel at 18494 79 Avenue) and resulted in the dedication of the unopened 79 Avenue road right-of-way.
- This subject application relates to the 18494 79 Avenue created through this subdivision, which is currently vacant.
- The site is subject to the Sensitive Ecosystem Development Permit Area requirements of the Official Community Plan (OCP), given the on-site Class B watercourse and GIN 139.

DEVELOPMENT PROPOSAL

Planning Considerations

- The applicant proposes the following in order to accommodate nine (9) residential small lots, two (2) lots containing 125 townhouse units, and three (3) open space (conservation) lots which will be conveyed to the City:
 - NCP Amendment to amend the West Clayton NCP land use designation from 'Low Density Cluster' to 'Medium Density Cluster';
 - o Rezoning of a portion of the site from 'General Agricultural Zone (A-1)' to 'Small Lot Residential Zone (R4)' (Block 3 and 4);
 - o Rezoning of a portion of the site from 'General Agricultural Zone (A-1)' to 'Comprehensive Development Zone (CD)' (Blocks 1, and 2);
 - o Subdivision into nine (9) residential lots, one (1) townhouse lot, two (2) Green Infrastructure Network (GIN) lots, and one (1) lot for riparian protection; and
 - Development Permit for Form and Character and Sensitive Ecosystems (Streamside & Green Infrastructure Networks).

• The following table provides specific details of the proposal:

Enite Site	Proposed
Lot Area	
Gross Site Area:	4.14 ha / 10.23 ac
Road Dedication:	0.74 ha / 1.85 ac
Undevelopable Area:	0.18 ha / 0.46 ac
Net Site Area:	3.22 ha / 7.92 ac
Number of Lots	9 residential lots
	1 townhouse lot
	2 GIN lots
	ı riparian lot
Open Space	o.87 ha / 2.17 ac (21.2% of gross site area)
Blended Density	42.6 uph / 17.2 upa (gross)**
Townhouse Site	Proposed
Net Site Area	2.14 ha / 5.30 ac
Building Height	3-storeys
Unit Density	23.5 upa (net)
Floor Area Ratio (FAR)	o.8 (net)
Residential Units:	
2-Bedroom:	43
3-Bedroom:	56
4-Bedroom:	14
5-Bedroom:	2
6-Bedroom:	10
<u>Total:</u>	125
Single Family Sites	Proposed
Net Site Area	o.36 ha / o.91 ac (net)
Number of Lots	9 (R ₄) lots
Unit Density	9.9 upa (net)
Range of Lot Sizes	342 - 769 sqm.
Range of Lot Widths	13.4 - 30.2 m
Range of Lot Depths	25.5 m

^{**}Calculated per the formula in Section 5.2 'Green Density Transfer Area' of the West Clayton Plan (p. 129).

Application No.: 7924-0177-00 Page 7

Referrals

Engineering: The Engineering Department has no objection to the project

subject to the completion of Engineering servicing requirements as

outlined in Appendix III.

School District: The School District has advised that there will be approximately 120

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

enrollment.

64 students at Regent Road Elementary School

36 students at Salish Secondary School

(Appendix IV)

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:

Parks will accept the proposed conveyance of the streamside protection area, the GIN, and park path, totaling 2.17 acres to satisfy the 5% parkland dedication requirement under the Local Government Act for subdivision and the open space dedication

requirements of the Cluster Designation in the West Clayton NCP.

Future active parkland is proposed on the adjacent property to

south of the development as part of the West Clayton

Neighborhood Concept Plan (NCP).

Transportation Considerations

- The applicant will be dedicating and constructing new local roads within the subject site to establish the road network in line with the connectivity and block spacing envisioned within the NCP.
- Vehicular access to the townhouse lot will be provided from driveways connecting to 185 Street. The single-family lots will be directly accessible from 79 Avenue.
- Parking for this project will be provided in line with the rates in the Zoning By-law.
- There are no transit stops in the vicinity of the subject site.
- The applicant will be delivering portions of the east-west Great Norther Greenway in the southern part of the site which follows the alignment of the GIN.

Parkland and/or Natural Area Considerations

- The applicant has applied to redesignate the site to "Medium Density Cluster" under the West Clayton Plan which requires a minimum open space conveyance of 10% of the gross site above the standard 5% parkland subdivision dedication requirements in the Local Government Act.
- The applicant has provided 21.2% (2.17-acres) of the gross site area as open space which includes 0.09 acres as a multi-use pathway (MUP), 1.29 acres as Green Infrastructure Network (GIN), and 0.79 acres as Stream Protection Area (SPEA). The open space provided exceeds the requirements of the West Clayton Plan.
- Parks, Recreation and Culture will accept the voluntary conveyance of the MUP, GIN, and SPEA towards satisfying the 10% open space requirement in the West Clayton NCP and the 5% parkland dedication requirements of Section 510 of the <u>Local Government Act</u>.
- Parks, Recreation and Culture will accept the voluntary conveyance of the GIN and SPEA for conservation purposes under the maximum safeguarding provisions of the DP₃ Sensitive Ecosystem Development Permit Areas.

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

<u>Land Use Designation</u>

• The site is designated "Urban" in the Official Community Plan (OCP). The proposal complies with this designation.

Themes/Policies

The proposed development complies with the following OCP themes/policies:

- A1.3 Accommodate urban land development according to the following order of growth management priorities.
 - A1.3d Comprehensively-planned new neighbourhoods within approved Secondary Plan areas.

(The proposal will be a comprehensively planned new neighbourhood within the approved West Clayton NCP).

Secondary Plans

Land Use Designation

- The site is designated "Low Density Cluster" in the West Clayton NCP. This designation is intended for urban housing on a large development site, in the form of single-family or semi-detached dwellings on individual lots (or bare land strata lots for areas downslope of the Sanitary Sewer Trunk Main) or in the form of lower density ground-oriented multiple unit residential buildings with substantial public open space set aside.
- An amendment to the West Clayton NCP is proposed changing the land use designation from "Low Density Cluster" to "Medium Density Cluster". This designation anticipates urban oriented housing on a large development site. Housing forms may vary from single-family dwellings, two-family dwellings or multiple attached dwellings with substantial public open space set aside.
- The "Medium Density Cluster" designation provides for a base density of 12-14 units per gross acre (UPGA). The West Clayton Plan provides a formula for calculating gross site area in Section 5.2 'Green Density Transfer Area' (p. 129).
- A development is "Medium Density Cluster Type 1" with a base density of 12 UPGA when a minimum 7.5% of the gross site area is provided. A development is "Medium Density Cluster Type 2" with a base density of 14 UPGA when a minimum 10% of the gross site area is provided. In both cases, the open space provides a 2 UPGA bonus for a total of 14-16 UPGA.
- The plan also provides for an additional 2 unit per acre (UPA) density bonus where the Energy Efficiency Density Bonus Policy is satisfied (see Section 6.6). The Energy Efficiency Density Bonus Policy has been superseded by BC Energy Step Code which all developments are required to remain compliant with. This means that the 2 UPA density bonus is now automatically applied to all developments in West Clayton.
- In summary, Staff assess this proposal as meeting the requirements of "Medium Density Cluster Type 2" with the Energy Efficiency Density Bonus Policy automatically applied.

Amendment Rationale

- The proposed development is upslope of the Sanitary Sewer Trunk Main and is conveying sizable areas for the conservation of riparian and forest protection (GIN) in accordance with the Secondary Plan. The form of housing is in keeping with the development to the south under Application No. 7922-0262-00.
- The proposed density increase is consistent with trends/efforts to densify NCP planned areas.
- The proposed development will be subject to the Tier 2 Capital Plan Project CACs for proposed density greater than the Secondary Plan designation, as described in the Community Amenity Contribution section of this report.

Themes/Objectives

• 2.2.1 Green (Principle 5) – Pursue the conveyance of riparian areas to the City through the subdivision and development process in order to ensure the consistent management of natural environmental values in riparian corridors.

(Through this application, the proposal is conveying riparian areas to ensure consistent management of natural environmental features).

• 2.2.3 Complete (Principle 1) – Provide for a variety of housing types, densities and forms to accommodate a range of housing choices and lifestyles, while respecting the existing established residential areas.

(The application successfully achieves diversity of housing types through the provision of nine (9) R4 zoned residential lots. In addition, 125 townhouse units are proposed of varying unit sizes. This is a market responsive development that will cater to a range of housing choices and lifestyles well into the future).

Zoning By-law: Small Lot Residential Zone (R₄)

- The applicant proposes to rezone a portion the subject site from "General Agriculture Zone (A-1)" to "Small Lot Residential Zone (R4)".
- The table below provides an analysis of the development proposal in relation to the requirements of the Zoning By-law, including the "Small Lot Residential Zone (R₄)", and parking requirements.

Block 3: R4 (Part 16)	Permitted and/or Required	Proposed	
Unit Density:	28 uph	As por Dagono	
Lot Coverage:	50%	As per R4 zone.	
Yards and Setbacks			
Font Yard:	5.5 m		
Rear Yard:	7.5 m	A D	
Side Yard:	1.2 m	As per R4 zone.	
Street Side Yard:	2.4 m		

Application No.: 7924-0177-00

`		
ノコ	σe	11

Lot Size: Type II		
Lot Size:	336 - 380 sq. m.	
Lot Width:	13.4 - 15.4 m	As per R4 zone.
Lot Depth:	24 m	
Parking (Part 5)	Required	Proposed
Number of Stalls		
Residential:	3	As per R4 zone.

Comprehensive Development Zone (CD) By-law

- The applicant is proposing a "Comprehensive Development Zone (CD)" to accommodate a 125-unit townhouse development on one lot (hooked across a road) on the subject site (Blocks 1 and 2). The proposed CD By-law for the townhouse development identifies the uses, densities, and setbacks proposed. The CD By-law will have the provisions based on the "Multiple Residential 30 Zone (RM-30)".
- A comparison of the density, lot coverage, setbacks, building height and permitted uses in the RM-30 Zone and the proposed CD By-law is illustrated in the following table:

Block 1 & 2: RM-30 Zone (Part 22)	Permitted and/or Required	Proposed CD Zone	
Density and Coverage – Townhous	e Site		
Unit Density	75 uph / 30 upa (net)	58 uph / 24 upa (net)	
Floor Area Ratio:	1.00	0.80	
Lot Coverage	45%	40%	
Yards and Setbacks – Block 1 (West	(1)		
North:	6.o m	3.5 m	
South	6.0 m	6.o m**	
East:	4.5 m	4.5 m	
West:	6.0 m	6.0 m	
Yards and Setbacks – Block 2 (East)		
North:	6.o m	3.5 m	
South:	4.5 m	4.5 m	
East:	6.o m	6.o m	
West:	4.5 m	4.5 m	
Height of Buildings			
Principal buildings:	13.0 m	13.0 m	
Indoor Amenity Space Building:	11.0 m	11.0 m	
Accessory buildings and Structures:	4.5 m	4.5 m	
Amenity Space			
Indoor Amenity:	3.0 sq.m. per dwelling unit.	460.6 sq.m. (complies)	

Block 1 & 2: RM-30 Zone (Part 22)	Permitted and/or Required	Proposed CD Zone	
Outdoor Amenity:	3.0 sq.m per dwelling unit; and 6.0 per back-to-back, ground-oriented dwelling unit.	499.2 sq. m. (complies)	
Streamside (Part 7A)	Required	Proposed	
Streamside Setbacks	-		
Class B (yellow-coded) Stream:	15.0 m	15.0 m	
Parking (Part 5)	Required	Proposed	
Number of Stalls			
Residential:	250		
Residential Visitor:	25		
Small Car (Visitor):	9	Don Zoning Dy Javy	
Van Accessible:	1	Per Zoning By-law.	
Total:	275		
Tandem (%):	50.0% (125 stalls)		
Bicycle Spaces			
Residential Visitor:	12	Per Zoning By-law.	

^{**}The setback can be reduced to 4.5-metres when measured to a side of dwelling configuration.

- The proposed unit density has been reduced from 75 uph under the RM-30 Zone to 58 uph under the proposed CD Zone. Staff recommend capping the development at the proposed density so that the proposed development remains in-keeping with the 'Medium Density Cluster' designation in the West Clayton NCP.
- For Block 1 (west side), the side yard (north) building setbacks have been reduced from 6.0 metres to 3.5 metres. The reduced setback applies to a side of townhouse unit condition interface with single family lots, which is typical in new townhouse developments in the city. The side of unit condition is limited in scope to the north façades of Buildings 1A, 2A and 3A which, in staff's view, will not adversely affect the privacy of rear yards of the single family lots to the north. The side yard (south) building setback for Building 14A has been reduced from 6.0 metres to 4.5 metres from the edge of the MUP which will enable the provision of a public plaza in accordance with DP1 provisions.
- For Block 2 (east side), the side yard (north) building setbacks have been reduced from 6.0 metres to 3.5 metres. The reduced setback applies to a side of townhouse unit interface with single family lots, which is typical in new townhouse developments in the city. The side of unit condition is limited in scope to the north façades of Buildings 1B and 2B which, in staff's view, given their configuration will not adversely affect the privacy of rear yards of the single family lots to the north.
- The applicant has confirmed that the townhouse lot will be comprised of a single strata and the lot will be hooked over 185 Street.

Lot Grading and Building Scheme

- The applicant retained Angus J. Muir of AJ Muir Design Ltd. as the Design Consultant. The Design Consultant conducted a character study of the surrounding homes and based on the findings of the study, proposed a set of building design guidelines (Appendix V).
- Styles recommended for this site include Modern Prairie, Modern Farmhouse, Contemporary-Traditional, or Contemporary-French Provincial.
- The applicant has submitted a preliminary lot grading plan, prepared by Aplin & Martin Consultants Ltd., and dated May 13, 2024. The applicant is proposing in-ground basements. The feasibility of in-ground basements will be confirmed once the City's Engineering Department has reviewed and accepted the applicant's final engineering drawings.
- The preliminary lot grading plan submitted still requires a degree of refinement. Prior to final adoption, the applicant will be required to submit a preliminary lot grading plan to the satisfaction of the Building Division.

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 Final Subdivision Approval for the residential lots, and at the time of Building Permit Issuance for the ground oriented multi-unit residential (townhouse) component of this project. The current rate is \$2,227.85 per new unit.
- The applicant will also 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. The current fee for Clayton is \$16,708.86 per unit for townhouses.

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 contribution will be payable at subdivision approval for the residential lots. For the ground oriented multi-unit residential (townhouse) component of this project, 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 August 14, 2024, and the Development Proposal Signs were installed on August 19, 2024. Staff have received one (1) response from a neighbour in the vicinity inquiring about the status and location of the proposed development.

DEVELOPMENT PERMITS

Sensitive Ecosystems (Streamside Areas) Development Permit Requirement

- The subject property falls within the Sensitive Ecosystems Development Permit Area (DPA) for Streamside Areas in the OCP, given the location of an existing Class B (yellow-coded) watercourse which flows northwards in the northeastern portion of the subject site. The Sensitive Ecosystems (Streamside Areas) Development Permit is required to protect aquatic and terrestrial ecosystems associated with streams from the impacts of development.
- In accordance with Part 7A Streamside Protection setbacks of the Zoning By-law, a Class B (yellow-coded) watercourse requires a minimum streamside setback of 15 metres, as measured from the top of bank. The proposed setbacks comply with the requirements outlined in the Zoning By-law.
- The riparian area is proposed to be conveyed to the City as a lot for conservation purposes as a condition of rezoning approval in compliance with the OCP.
- An Ecosystem Development Plan, prepared by Ian Whyte, *P. Ag.*, of Envirowest Consulting Inc. and dated May 9, 2024, was reviewed by staff and found to be generally acceptable, with some modifications to content and format of the report still required. The finalized report and recommendations will be incorporated into the Development Permit.

Sensitive Ecosystems (Green Infrastructure Areas) Development Permit Requirement

• The subject property falls within the Sensitive Ecosystems DPA for Green Infrastructure Areas in the OCP, given the location of a Biodiversity Conservation Strategy (BCS) Green Infrastructure Network (GIN) Corridor located in the southern part of the subject site, following an east-west alignment. The Sensitive Ecosystems (Green Infrastructure Areas)

Development Permit is required to protect environmentally sensitive and/or unique natural areas from the impacts of development.

- The City of Surrey Biodiversity Conservation Strategy (BCS) Green Infrastructure Network (GIN) map, adopted by Council on July 21, 2014 (Corporate Report No. R141; 2014), identifies Local BCS Corridor along the property's southern boundary, in the Cloverdale BCS management area, with a Medium ecological value.
- The BCS further identifies the GIN area of the subject site as having a Moderately High habitat suitability rating, derived from species at risk presence, species accounts and known ecosystem habitat inventories. The BCS recommends a target Corridor width of 6o-meters.
- The development proposal conserves 5,220 square metres, or a corridor width of 29 to 30-metres, of the subject site through Parkland Conveyance which is 12.6 % of the total gross area of subject site. This method of GIN retention/enhancement will assist in the long-term protection of the natural features and allows the City to better achieve biodiversity at this location consistent with the guidelines contained in the BCS.
- An Ecosystem Development Plan, prepared by Ian Whyte, *P. Ag.*, of Envirowest Consulting Inc. and dated May 9, 2024, was reviewed by staff and found to be generally acceptable, with some modifications to content and format of the report still required. The finalized report and recommendations will be incorporated into the Development Permit.

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 West Clayton Neighbourhood Concept Plan (NCP).
- The proposed development generally complies with the Form and Character Development Permit guidelines in the OCP and the design guidelines in the West Clayton Neighbourhood Concept Plan (NCP).
- The proposal includes 125 townhouse units on one lot (hooked across a road). Block 1 (west side of townhouse site) contains 76 units of which 28 (36.8%) are tandem units, 24 (31.5%) are back-to-back units, and 24 (31.5%) are units with conventional double side-by-side garages. Block 2 (east side of townhouse site) contains 49 units of which 23 (46.9%) are tandem units, and 26 (53.01%) are units with conventional double side-by-side garages. The proposal provides for variety of unit sizes from two-bedrooms plus den to 6-bedroom units.
- Access to the townhouse site will be provided by driveways and curb-letdowns from the future 185 Street.
- The applicant has worked with staff to ensure the provision of a high-quality public realm interface where units are oriented to face the street, with habitable rooms associated with the front entrance of each unit, and with entrances expressed individually by the provision of an entry porch. Main floor levels achieve a comfortable elevation of o.6-metres to 1.2-metres above sidewalk grade. Apron parking and servicing elements have been screened from the public realm by locating them internal to the site, or through the provision of landscaping.

- The applicant has been successful in avoiding excessive disruption of the natural topography by stepping buildings, sloping parking areas, and providing larger setbacks to avoid the use of substantial retaining walls. Where retaining walls are proposed, the applicant has proposed high-quality material facing public realm frontages.
- The townhouse buildings are well-modulated and articulated with four different schemes of cladding materials and colours. The primary cladding materials consist of fibre cement plank and board and batten sidings, stucco, hardie panel, and stone and brick veneers. The colour scheme consists of natural tones, like grey, beige, and white, which will allow for the development to blend in with the surrounding residential context.
- Two of the townhouse design schemes include gambrel roof forms and the other two design schemes are hipped roof forms. All schemes contain dormered widows above the roofline.
- The variation in roof form and incorporation of dormered windows into the design will add visual interest to the overall development which is supported.
- Each tandem and conventional double side-by-side townhouse unit will have a small private balcony and ground-floor patio. The back-to-back townhouse units are planned to have generous rooftop decks.

Landscaping

- Landscaping within and around the townhouse development will consist of coniferous and deciduous trees such as Columnar Bowhall Maple, Gold Spire Maidenhair, Autumn Purple Ash, and Royal Star Magnolia. A wide variety of shrubs, grasses, perennials, and ground covers are also proposed.
- Trees are proposed along the 78 Avenue and 185 Street frontages, which will help to soften the appearance of the buildings as perceived from the public realm.
- The proposal achieves publicly accessible open space at the street corner in accordance with DP1 guidelines at the intersection of 76 Avenue and 186A Street. Staff will seek to preserve these corner conditions through a right-of-way for public rights-of-passage over the publicly accessible open space (corner plazas) within the site.

Indoor Amenity

- The proposed CD Zone (based on the RM-30 Zone) requires 375 square metres. of indoor amenity space (at a rate of 3.0 square metres per dwelling unit). The proposal exceeds this requirement at 460.6 square metres which meets the requirements of the zoning by-law. The character of the two amenity buildings is consistent with that of the overall development.
- Staff will continue to work with the applicant to define the programming of these spaces prior to final adoption.

Outdoor Amenity

• The proposed CD Zone (based on the RM-30 Zone) requires 447 square metres of outdoor amenity space (at a rate of 6.0 square metres per back-to-back dwelling unit, and 3.0 square

metres per dwelling unit). The amount of outdoor amenity space proposed is 499 square metres which meets the requirements of the zoning by-law, which includes 73 square meters of outdoor amenity space provided on second storey patios which form part of the amenity buildings. The character of the outdoor amenity is consistent with the overall development, and contains a play area, outdoor lounge and dining area, and vertical maze poles.

• Staff will continue to work with the landscape architect to expand the programmed outdoor amenity space prior to final adoption.

Parking

• A total of 250 parking spaces are provided within the dwelling unit garages, and an additional 25 visitor parking spaces are interspersed throughout Blocks 1 and 2. The proposed parking configuration satisfies the minimum parking requirements in the Zoning By-law No. 12000.

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. This list generally includes, but is not
 limited to:
 - o Seek the opportunity to increase tree planting along internal drive aisle, if possible.
 - o Submission of additional and coordinated grading information which details retaining wall locations, and heights.
 - o Provision of additional information relating to the proposed site entry signage, if proposed.
 - Seek the opportunity to expand the programmed amenity space package prior to Final Adoption.
 - o Provision of additional information regarding the on-site lighting plan, in accordance with the Form and Character guidelines.
 - o Continue to work with the applicant on the expression of the townhouse buildings in terms of materiality and colour.
 - o Continue to work on coordinating the townhouse site layout with the 185 Street and 78 Avenue road dedication requirements.
- 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

- Lucian Serban, ISA Certified Arborist of McElhaney Ltd. The table below provides a summary of the proposed tree retention and removal. A detailed list of the proposed tree retention and removal by tree species can be found in (Appendix VI):
- All trees identified for removal, retention and/or replacement are subject to change prior to final approval of the arborist report.

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

		Existing	Remove	Retain
Alder/Cottonwood (within and outside riparian area)		170	130	40
Deciduous Trees		112	85	27
Coniferous Trees	35 33		33	2
Onsite Tree Totals		<u>317</u>	<u>248</u>	<u>69</u>
Onsite Replacement Trees Proposed	366			
Total Onsite Retained and Replacement Trees	435			

- The Arborist Assessment states that there are a total of 147 mature trees on the site, excluding Alder and Cottonwood trees. 170 existing trees, approximately 51.1% of the total trees (i.e., 317) on the site, are Alder and Cottonwood trees. The applicant proposes to retain 30 deciduous and coniferous, and 40 alder and cottonwood trees 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.
- Table 1 includes an additional 67 protected trees that are located within the proposed GIN and riparian area. The trees within the GIN and riparian area will be retained, except where removal is required due to hazardous conditions. This will be determined at a later time, in consultation with the Parks, Recreation and Culture Department.
- For those trees that cannot be retained, the applicant will be required to plant trees on a 1 to 1 replacement ratio for Alder and Cottonwood trees that are outside the streamside protection area, and a 2 to 1 replacement ratio for all other trees, including Alder and Cottonwood that are within a streamside protection area. This will require a proposed total of 366 replacement trees on the site. The applicant is proposing 366 replacement trees, meeting City requirements.
- The new trees on the site will consist of a variety of trees including Columnar Bowhall Maple, Gold Spire Maidenhair, Autumn Purple Ash, and Royal Star Magnolia.
- In summary, a total of 435 trees are proposed to be retained or replaced on the site with no contribution to the Green City Program required.

Application No.: 7924-0177-00

Page 19

INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

Appendix I. Block Plan and Proposed Subdivision Layout

Appendix II. Townhouse Site Plan, Building Elevations, Landscape Plans and Perspective

Appendix III. Engineering Summary
Appendix IV. School District Comments

Appendix V. Single Family Building Design Guidelines Summary

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

Appendix VII. West Clayton NCP Redesignation Map

approved by Shawn Low

Ron Gill Acting General Manager Planning and Development

RO/ar

SURVEY PLAN TO ACCOMPANY CITY OF SURREY ZONING BYLAW No.____ OF LOT 2 SECTION 21 TOWNSHIP 8 PLAN EPP136284 AND PORTIONS OF 79 AVENUE ALL OF NEW WESTMINSTER DISTRICT

BCGS 92G.017

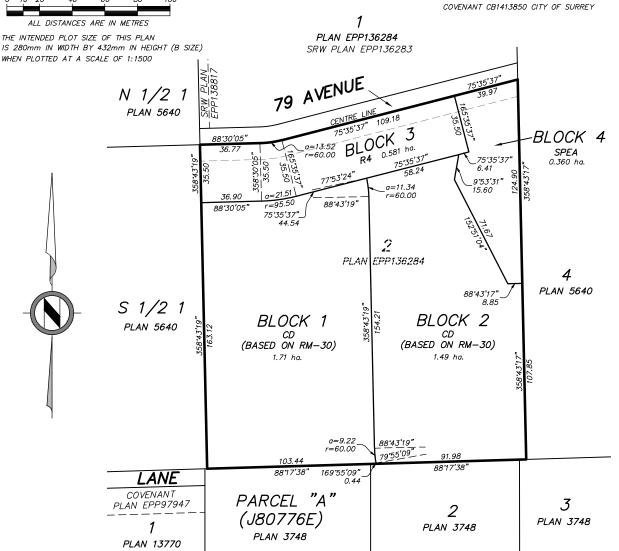
THIS PLAN LIES WITHIN THE METRO VANCOUVER
REGIONAL DISTRICT

(CITY OF SURREY)

NOTE:

LOT 2, PLAN EPP136284 MAY BE SUBJECT TO THE FOLLOWING CHARGES:

COVENANT CB1358482 CITY OF SURREY COVENANT CB1358486 CITY OF SURREY



BOOK OF REFERENCE					
BLOCK	ZONE	FULL LEGAL DESCRIPTION	AREA		
BLOCK "1"	CD	PART OF LOT 2 SECTION 21 TOWNSHIP 8 PLAN EPP136284	1.71 HA		
BLOCK "2"	CD	PART OF LOT 2 SECTION 21 TOWNSHIP 8 PLAN EPP136284	1.49 HA		
BLOCK "3"	R4	PART OF LOT 2 AND 79 AVENUE, SECTION 21 TOWNSHIP 8 PLAN EPP136284	0.581 HA		
BLOCK "4"	SPEA	PART OF LOT 2 AND 79 AVENUE, SECTION 21 TOWNSHIP 8 PLAN EPP136284	0.360 HA		

CERTIFIED CORRECT 23rd DAY OF AUGUST 2024

Digitally signed by Zuzana Rijken -- BCLS - ABCLS Date: 2024.08.28 '07:41:53 -07'00







WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVENUE,

ISSUED FOR DEVELOPMENT PERMIT APPLICATION

CARRIED OUT WITHOUT WRITTEN
PERMISSION FROM THE ARCHITECTS.
THIS DRAWING IS THE EXCLUSIVE
PROPERTY OF CICCOZZI ARCHITECTURE
INC. AND CAN BE REPRODUCED ONLY
WITH THEIR WRITTEN PERMISSION.

Appendix II

REVISION:

ISSUE

DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP









18478, 18504 80 AVE., SURREY

DRAWN BY:	CHECKED BY:
TH	RC
SCALE N.T.S	PROJECT NO. 730
SHEET TITLE:	

COVER SHEET



PROJECT STATISTICS CIVIC ADDRESS: 18478, 18504 80 AVENUE, SURREY, BC V4N 4J1 18478: LOT 2 SECTION 21 TOWNSHIP 8 PLAN NWP5640 NWD PART NW 1/4 18504: LOT 3 SECTION 21 TOWNSHIP 8 PLAN NWP5640 NWD PART NW 1/4 OCP LAND USE DESIGNATION: URBAN PROPOSED USE: TOWNHOUSE CURRENT ZONING SITE AREA: - ACRE -LOT A: 132,645.19 12,323.04 LOT B: TOTAL 234.631.79 21.797.83 5.39 ALLOWED / REQUIRED PROPOSED / PROVIDED SETBACKS: NORTH (79 AVE.): NORTH (SF LOTS): 3.5 M LOT A: 6.0 M; LOT B: 4.5 M EAST: 6 0 M 6 0 M

DENSITY	THE DENSITY SHALL BE A FLOOR AREA RATIO OF 1:00	SEE TABLES BELOW
BUILDING HEIGHT	PRINCIPAL BUILDINGS: MAX. 13M (43 FT) INDOOR AMENITY SPACE BUILDINGS: MAX. 11M (36 FT)	PRINCIPAL BUILDINGS: SEE BUILDING ELEVATIONS INDOOR AMENITY SPACE BUILDINGS: SEE BUILDING ELEVATIONS
LOT COVERAGE	MAX. 45%	LOT R: 35%

UNIT BREAK-DOWN

LOT A & LOT B DENSITY

ILDING 8A

UILDING 13A

185 ST: 4.5 M

SURREY, BC, V4N 4J1

				LOT A			LOT B	LOT B	
UNIT TYPE	NET AREA PER UNIT (SF)	BEDROOMS	COUNT	NET AREA/UNIT TYPES (SF)	NET AREA/UNIT TYPES (M2)	COUNT	NET AREA/UNIT TYPES (SF)	NET AREA/UNIT TYPES (M2)	
UNIT A	1,547.12	3 BEDROOMS	4	6,188.48	574.92	4	6,188.48	574.92	
UNIT AE	1,588.47	4 BEDROOMS	4	6,353.88	590.29	6	9,530.82	885.43	
UNIT B	1,545.03	3 BEDROOMS + DEN	6	9,270.18	861.22	10	15,450.30	1,435.37	
UNIT B1	1,393.34	4 BEDROOMS + DEN	4	5,573.36	517.78				
UNIT B1E	1,455.41	5 BEDROOMS + DEN	2	2,910.82	270.42				
UNIT BE	1,604.01	6 BEDROOMS + DEN	4	6,416.04	596.06	6	9,624.05	894.10	
UNIT C	1,530.14	2 BEDROOMS + DEN	10	15,301.40	1,421.53	8	12,241.12	1,137.23	
UNIT CE	1,625.34	3 BEDROOMS	6	9,752.04	905.99	6	9,752.04	905.99	
JNIT E	1,396.38	2 BEDROOMS + FLEX			-	5	6,981.90	648.63	
UNIT EE	1,457.41	3 BEDROOMS + FLEX			-	4	5,829.64	541.59	
UNIT E1	1,431.94	2 BEDROOMS + FLEX	8	11,455.52	1,064.24				
UNIT E1E	1,494.83	2 BEDROOMS + FLEX	4		-				
JNIT F	1,494.04	2 BEDROOMS + FLEX	8	11,952.32	1,110.40				
UNIT FE	1,574.26	3 BEDROOMS + FLEX	16	25,188.16	2,340.04				
TOTAL			76	110.362.20	10.252.90	49	75.598.36	7.023.26	

76 UNITS

3.05

NET AREA (M2) NET AREA (ACRE)

VICINITY PLAN

A2.A13.03 BUILDING 13A ELEVATIONS A2.A14.01 BUILDING 14A FLOOR PLANS BUILDING 14A ROOF PLAN BUILDING 14A ELEVATIONS

49 UNITS		LOT B	
NET AREA (ACRE)	NET AREA (M2)	NET AREA (SF)	BUILDING
	728.64	7,843.11	BUILDING 1B
	728.46	7,841.10	BUILDING 2B
	582.61	6,271.18	BUILDING 3B
	582.61	6,271.18	BUILDING 4B
	872.18	9,388.14	BUILDING SB
	295.14	3,176.94	BUILDING 6B
	444.15	4,780.82	BUILDING 7B
	530.25	5,707.58	BUILDING 8B
	870.61	9,371.24	BUILDING 9B
	659.97	7,103.96	BUILDING 10B
	728.64	7,843.11	BUILDING 11B
	7,023.26	75,598.36	TOTAL
2.34	9,474.79	101,986.60	LOT B SITE AREA
	0.74		F.A.R
21			U.P.A

4.5 M

PARKING STALLS REQUIREMENTS

LOT A SITE AREA

	LOT	A	į t
	REQUIRED/ALLOWED	PROVIDED	REQUIRED/ALLOW
RESIDENTIAL PARKING (2/UNIT)	152.0	152	91
VISITOR PARKING (0.2/UNIT)	15.2	15	
SMALL CARS (35% MAX)	5.3	4	
VAN ACCESSIBLE (2% MIN)	0.3	1	N N
TANDEM (50% MAX)	76	32	
BIKE RACKS		6	

12,323.04 0.88

AMENITY SPACE REQUIREMENTS

	LOTA			
	REQUIRED: 3 M2/ UNIT		PROV	IDED
	AREA (SF)	AREA (M2)	AREA (SF)	AREA (M2)
INDOOR AMENITY	2,841.70	264.00	2,873.46	266.95
OUTDOOR AMENITY	2,841.70	264.00	3,463.89	321.80

132,645.19

LOT B			
REQUIRED: 3 M2/UNIT		PROV	IDED
AREA (SF)	AREA (M2)	AREA (SF)	AREA (M2)
1,582.31	147.00	2,085.21	193.7
1,582.31	147.00	1,910.24	923.0

ARCHITECTURAL DRAWING LIST

SHEET	NAME	SHEET	NAME
A0.00.00	COVER SHEET	A2.A15.01	AMENITY BUILDING 1 FLOOR PLANS
A0.00.01	CONTEXT PLAN & IMAGES	A2.A15.02	AMENITY BUILDING 1 ROOF PLAN
A0.00.02	DESIGN RATIONALE	A2.A15.03	AMENITY BUILDING 1 ELEVATIONS
A0.00.03	SUBDIVISION PLAN	A2.A15.04	AMENITY BUILDING 1 ELEVATIONS
A0.00.04	PROPERTY LINE & SETBACK	A2.B1.01	BUILDING 1B FLOOR PLANS
A0.00.05	PRECEDENT IMAGES	A2.B1.02	BUILDING 1B ROOF PLAN
A1.00.00	MASTER SITE PLAN	A2.B1.03	BUILDING 1B ELEVATIONS
A1.00.01	ENLARGED SITE PLAN - LOT A	A2.B2.01	BUILDING 2B FLOOR & ROOF PLANS
A1.00.02	ENLARGED SITE PLAN - LOT B	A2.B2.02	BUILDING 2B ELEVATIONS
A1.00.03	LOT COVERAGE DIAGRAM	A2.B3.01	BUILDING 3B FLOOR & ROOF PLANS
A1.01.00	PHASING PLAN - LOT A	A2.B3.02	BUILDING 3B ELEVATIONS
A1.01.01	PHASING PLAN - LOT B	A2.B4.01	BUILDING 4B FLOOR & ROOF PLANS
A1.02.00	FIRE TRUCK ACCESS PLAN	A2.B4.02	BUILDING 4B ELEVATIONS
A1.03.00	COLOUR SCHEME 1 BROWNSTONE (DARK BASE)	A2.B5.01	BUILDING 5B FLOOR PLANS
A1.03.01	COLOUR SCHEME 2 BROWNSTONE (LIGHT BASE)	A2.B5.02	BUILDING 5B ROOF PLAN
A1.03.02	COLOUR SCHEME 3 ARTISAN (DARK)	A2.B5.03	BUILDING 5B ELEVATIONS
A1.03.03	COLOUR SCHEME 4 ARTISAN (LIGHT)	A2-B6-01	BUILDING 6B FLOOR & ROOF PLANS
A1.04.00	SITE SECTIONS	A2.B6.02	BUILDING 6B ELEVATIONS
A1,04,01	SITE SECTIONS	A2,B7,01	BUILDING 7B FLOOR & ROOF PLANS
A1.04.02	SITE SECTIONS	A2.B7.02	BUILDING 7B ELEVATIONS
A1,05,00	STREETSCAPE - 185 ST.	A2,B8,01	BUILDING 8B FLOOR & ROOF PLANS
A1.05.01	STREETSCAPE MUP & 78 AVE.	A2.B8.02	BUILDING 8B ELEVATIONS
A2,A1.01	BUILDING 1A FLOOR & ROOF PLANS	A2,B9,01	BUILDING 9B FLOOR & ROOF PLANS
A2.A1.02	BUILDING 1A ELEVATIONS	A2.B9.02	BUILDING 9B ELEVATIONS
A2.A2.01	BUILDING 2A FLOOR & ROOF PLANS	A2.B10.01	BUILDING 10B FLOOR PLANS
A2.A2.02	BUILDING 2A ELEVATIONS	A2.B10.02	BUILDING 10B ROOF PLAN
A2.A3.01	BUILDING 3A FLOOR PLANS	A2.B10.03	BUILDING 10B ELEVATIONS
A2,A3,02	BUILDING 3A ROOF PLAN	A2,B11,01	BUILDING 11B FLOOR PLANS
A2,A3,03	BUILDING 3A ELEVATIONS	A2.B11.02	BUILDING 11B ROOF PLAN
A2,A4.01	BUILDING 4A FLOOR PLANS	A2.B11.03	BUILDING 11B ELEVATIONS
A2.A4.02	BUILDING 4A ROOF PLANS	A2.B12.01	AMENITY BUILDING 2 FLOOR PLANS
A2.A4.03	BUILDING 4A ELEVATIONS	A2.B12.02	AMENITY BUILDING 2 ROOF PLAN
A2.A5.01	BUILDING 5A FLOOR PLANS	A2.B12.03	AMENITY BUILDING 2 ELEVATIONS
A2.A5.02	BUILDING 5A ROOF PLANS	A2.B12.04	AMENITY BUILDING 2 ELEVATIONS
A2,A5,03	BUILDING 5A ELEVATIONS	A3.01.00	UNIT PLANS TYPE A
A2.A6.01	BUILDING 6A FLOOR & ROOF PLANS	A3.01.01	UNIT PLANS TYPE AE
A2,A6,02	BUILDING 6A ELEVATIONS	A3.02.00	UNIT PLANS TYPE B
A2.A7.01	BUILDING 7A FLOOR PLANS	A3.02.01	UNIT PLANS TYPE BE
A2.A7.02	BUILDING 7A ROOF PLAN	A3.02.02	UNIT PLANS TYPE B1
A2.A7.03	BUILDING 7A ELEVATIONS	A3.02.02	UNIT PLANS TYPE B1E
A2.A8.01	BUILDING 8A FLOOR PLANS	A3.03.00	UNIT PLANS TYPE C / CE
A2.A8.02	BUILDING 8A ROOF PLANS	A3.04.00	UNIT PLANS TYPE E / EE
A2.A8.03	BUILDING 8A ELEVATIONS	A3.04.01	UNIT PLAN TYPE E1 / E1E
A2.A9.01	BUILDING 9A FLOOR PLANS	A3.05.00	UNIT PLANS TYPE F
A2,A9,02	BUILDING 9A ROOF PLANS	A3.05.01	UNIT PLANS TYPE FE
A2.A9.03	BUILDING 9A ELEVATIONS	A4.01.00	AREA PLANS TYPE A
A2.A10.01	BUILDING 10A FLOOR PLANS	A4.01.01	AREA PLANS TYPE AE
A2.A10.02	BUILDING 10A ROOF PLAN	A4.02.00	AREA PLANS TYPE B
A2.A10.02	BUILDING 10A ELEVATIONS	A4.02.01	AREA PLANS TYPE BE
A2.A11.01	BUILDING 11A FLOOR PLANS	A4.02.01	AREA PLANS TYPE BE
A2,A11,02	BUILDING 11A ROOF PLAN	A4.02.02	AREA PLANS TYPE B1E
A2,A11,02	BUILDING 11A ELEVATIONS	A4.02.03 A4.03.00	AREA PLANS TYPE C / CE
A2.A11.03 A2.A12.01	BUILDING 11A ELEVATIONS BUILDING 12A FLOOR PLANS	A4.04.00	AREA PLANS TYPE C / CE AREA PLANS TYPE E / EE
A2.A12.01	BUILDING 12A ROOF PLANS	A4.04.00 A4.04.01	AREA PLANS TYPE E1/E1E
A2.A12.03	BUILDING 12A ELEVATIONS	A4.05.00	AREA PLANS TYPE E
A2.A12.03 A2.A13.01	BUILDING 12A FLOOR PLANS	A4.05.00 A4.05.01	AREA PLANS TYPE FE
A2.A13.01 A2.A13.02	BUILDING 13A FLOOR PLANS BUILDING 13A ROOF PLAN	A4.00.01	AND THE PE
A2.A13.02	BUILDING 13A ROOF PLAN		



CLIENT / DEVELOPER

CICCOZZI ARCHITECTURE 15TH FLOOR - 1095 WEST PENDER ST., VANCOUVER, BC V6E 2M6

APLIN & MARTIN CONSULTANTS LTD. 201 - 12448 82ND AVE., SURREY, BC V3W 3E9

LANDSCAPE

PMG LANDSCAPE ARCHITECTS LTD. C100 - 4185 STILL CREEK DR., BURNABY, BC V5C 6G9

PROJECT CONTACT LIST

CONTACT MITCHELL GROUP INVESTMENT INC. 200 - 17650 66A AVE., SURREY, BC V3S 4S4

LEA REMPEL T: 604-575-6500 - EXT: 136 E: lea@mitchellgroup.ca

SANDRO MANCINI T: 604-687-4741 - EXT: 7323 E: sandro@ciccozziarchitecture

CONTACT

DON BEVACQUA T: 604-597-9058 E: DBevacqua@ap

CONTACT



1 CONTEXT PLAN 1:3000







2 80 AVE. @ 184 ST.

3 VIEW 2

4 VIEW 3

COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE CARRIED OUT WITHOUT WRITTEN PERMISSION FROM THE ARCHITECTS. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CIOCOZI ARCHITECTURE NC. AND CAN BE REPRODUCED ONLY

REVISION:
NO.: DATE: DESCRIPTION:

ISSUE:

DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STRE VANCOUVER, B.C. CANADA V6E 2M6



WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY, BC

DRAWN BY:	CHECKED BY:
TH	RC
SCALE	PROJECT NO:
As indicated	730

CONTEXT PLAN & IMAGES

REV.NO.:

DESIGN RATIONALE

CONTEXT

The proposed site is part of the Clayton Heights plan Area and located within the West Clayton neighbourhood (NCP). The site is situated near the existing 184th Street and 80th Avenue and incorporates the future development of 78 Avenue, 79 Avenue, and 185 Street - 185th Street divides our overall site into two distinct lots. Lot A is located west of 185th Street and is 132,645 sf and Lot B is 101,987 sf. There are single family lots located to the north of Lot A & B and a SPEA at the north-east corner of Lot B

DEVELOPMENT SUMMARY

This development introduces a community composed of 125 townhome units. It adheres to the established RM-30 zoning regulations (City of Surrey Zoning By-law No.12000) and aligns with the current Official Community Plan. The project is divided into two lots, with the west side (Lot A) featuring 14 buildings that accommodate 76 units, and the east side (Lot B) featuring 11 buildings that accommodate 49 units. Each lot with its own unique amenity building.

The proposed setbacks for the site adhere to the RM-30 Zoning regulations. Specifically, all setbacks bordering 185 St. and 78 Ave. are classified as front yard setbacks, precisely meeting the mandated 4.5 meters requirement. Additionally, other setbacks, including those adjoining the single-family homes lots and the SPEA are 6 meters also complying with the Zoning requirements.

The orientation of the unit entrances is from the Street or the Courtyard on lane-oriented units. The Lane sides are designed to activate the lane either as secondary entrances or as private at-grade rear patio, depending on a units' specific grading condition. All at grade entrances are clearly identified architecturally and oriented to the street or courtyard.

DESIGN RATIONALE

This proposed project for West Clayton embraces three distinct architectural styles: Modern Brownstone, Modern Artisan, and Modern Colonial. Situated in an area that was originally characterized by its rural acreage and agricultural lots, our proposed development presents the opportunity to forge the way for future urban development and homes for the growing city of Surrey. We feel that the addition of these distinct architectural townhomes is poised to redefine the visual architectural landscape of the West Clayton area.

The material palette that we have selected for this project will primarily consist of Hardie exterior siding offering a range of options such as panels, horizontal siding, or board & batten. Accent areas, strategically placed on corners and notable features, will showcase stone and brick veneers or stucco. The materials and colour schemes have been strategically applied throughout the project to articulate variety and define a composition of units. Roofing will be typically fiberglass shingles. We've tried to control the application of color and material to illustrate a family of buildings rather than a haphazard usage of colors. We feel that the material selection is durable and low maintenance which we believe, prolongs the longevity and quality of the building facades.

Our use of projecting building massing, such as bays/frames, is an architectural strategy that introduces façade articulation and provides depth & shadow on a building façade. We've used these elements to help articulate individual units and breakdown the massing of the overall Townhouse building into a more pedestrian friendly scale. This kind of massing variety creates visual interest and texture in a seemingly simple building form — a simple play with form & shadow.

The orientation of the buildings on site has been meticulously planned, considering the prospective public roads (185 St. and 78 Ave.). The current arrangement, coupled with internal programming within the units, is poised to invigorate the streetscapes, enhancing the overall liveliness and activity within the development. The thoughtful design approach aims to foster a vibrant and engaging urban environment for residents and passerby alike.

COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE CARRIED OUT WITHOUT WRITTEN PERMISSION FROM THE ARCHITECTS. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CICCOZZI ARCHITECTURE INC. AND CAN BE REPRODUCED ONLY WITH THEIR WRITTEN PERMISSION.

	DATE:	DESCRIPTION:
NO.:	DATE:	DESCRIPTION:
		1

ISSUE:		
DATE:	DESCRIPTION:	
2024/06/10	ISSUED FOR DP	





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. GANADA V6E 2M6



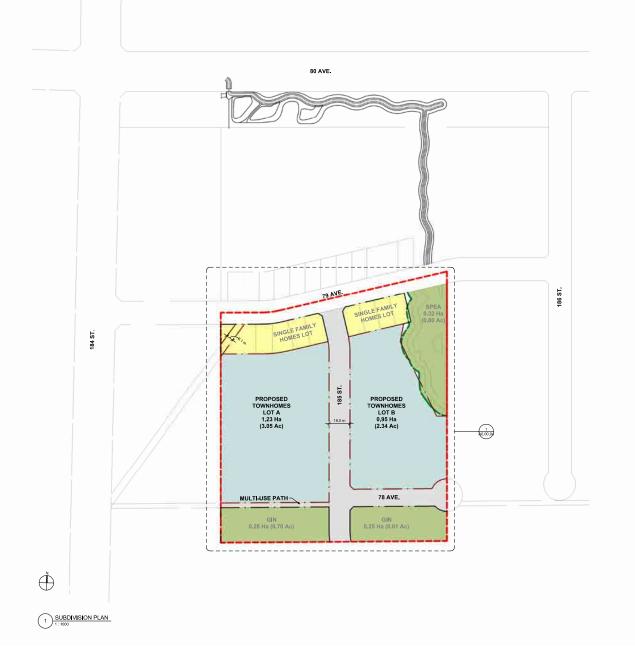
WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY BC

SM	RC
SCALE	PROJECT NO: 730
SHEET TITLE: DES	IGN

DESIGN RATIONALE





COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE SERVED FROM THE SECRET OF THE SERVED SHAPE OF THE SERVED SH

REVISION:
NO. DATE: DESCRIPTION:

| ISSUE: | DESCRIPTION: | 2024/06/10 | ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREE VANCOUVER, B.C. CANADA V6E 2M6



WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY, BC

DRAWN BY:	CHECKED BY:
TH	RC
SCALE	PROJECT NO:
1:1000	730
SHEET TITLE:	-
SUBDI	VISION

SUBDIVISION PLAN

REV.NO.:



COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE PERMISSION FROM THE ARCHITECTS. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CICCOZZI ARCHITECTUS. AND CAN BE REPRODUCED ONLY WITH THEIR WRITTEN PERMISSION.

NO.:	DATE:	DESCRIPTION:
NO.:	DATE:	DESCRIPTION
- 1		

| ISSUE: | | DESCRIPTION: | 2024/06/10 | ISSUED FOR DP





15th FLOOR 95 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6



WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY, BC

DRAWN BY:	CHECKED BY:
TH	RC
SCALE	PROJECT NO:
1:400	730

PROPERTY LINE & SETBACK

REV, NO.:









COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THISSE DRAWINGS SHALL NOT BE PREMISSION FROM THE ARCHITECTS. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CICCOZZI ARCHITECTS. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CICCOZZI ARCHITECTURE INC. AND CAN BE REPRODUCED DIALY WITH THEIR WAITTEN FEMILISCON.

REVISION:

ISSUE:

DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP









WEST CLAYTON **TOWNHOUSES**

18478, 18504 80 AVE., SURREY, BC

AN DY:	CHECKED BY:
TH	RC
re	PROJECT NO. 730
CONT. C.	

PRECEDENT IMAGES







COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE DRAWINGS SHALL NOT BE DRAWINGS SHALL NOT BE DRAWINGS SHAPE FOR THE PORT OF THE TOTAL THE DRAWING IS THE EXCLUSIVE PROPERTY OF CICCOZZI ARCHITECTS. THIS DRAWING IS THE EXCLUSIVE NO. AND CAN BE REPRODUCED ONLY WITH THEM WITTEN PERMISSION.

REVI		
NO.:	DATE:	DESCRIPTION:

| DATE: | DESCRIPTION: | 2024/06/10 | ISSUED FOR DP





15th FLOOR 095 WEST PENDER STREE VANCOUVER, B.C. CANADA V6E 2M6



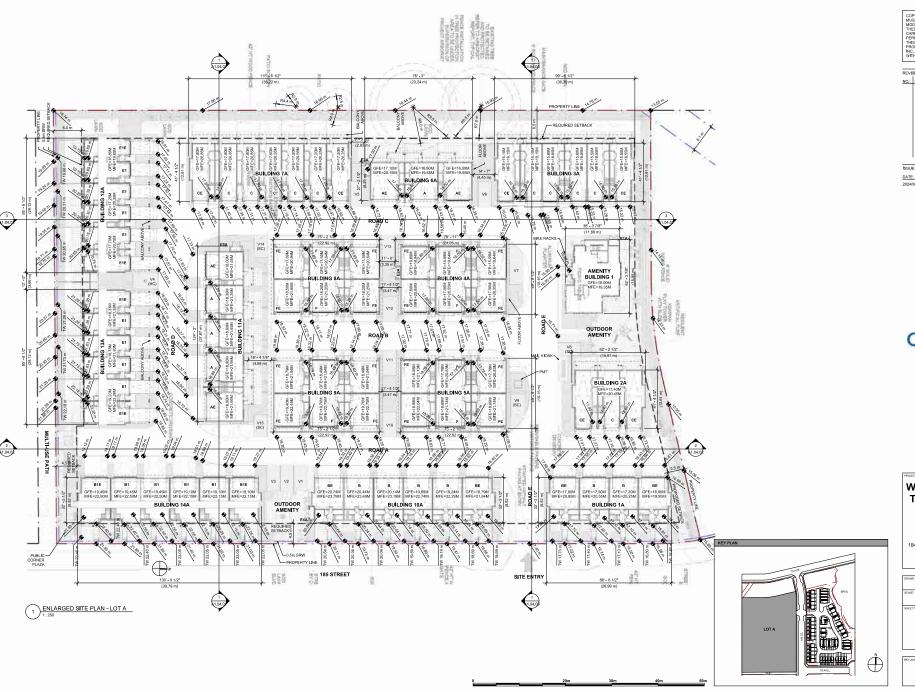
WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY BC

	R SITE AN
9CALE 1:400	PROJECT NO. 730
DRAWN BY: VM / TH	CHECKED BY: RC

REV.NO.

A1.00.00



COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED, VARRATIONS AND MODIFICATIONS TO WORK SHOWN ON THISSE DRAWINGS SHALL NOT BE SCALED TO THE STATE OF THE STATE OF THE STATE OF THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CICCOZZI ARCHITECTURE INC. AND CAN BE REPRODUCED ONLY WITH THEM WRITTEN PERMISSION.



| ISSUE: | DESCRIPTION: | 2024/06/10 | ISSUED FOR DP





1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741



WEST CLAYTON TOWNHOUSES

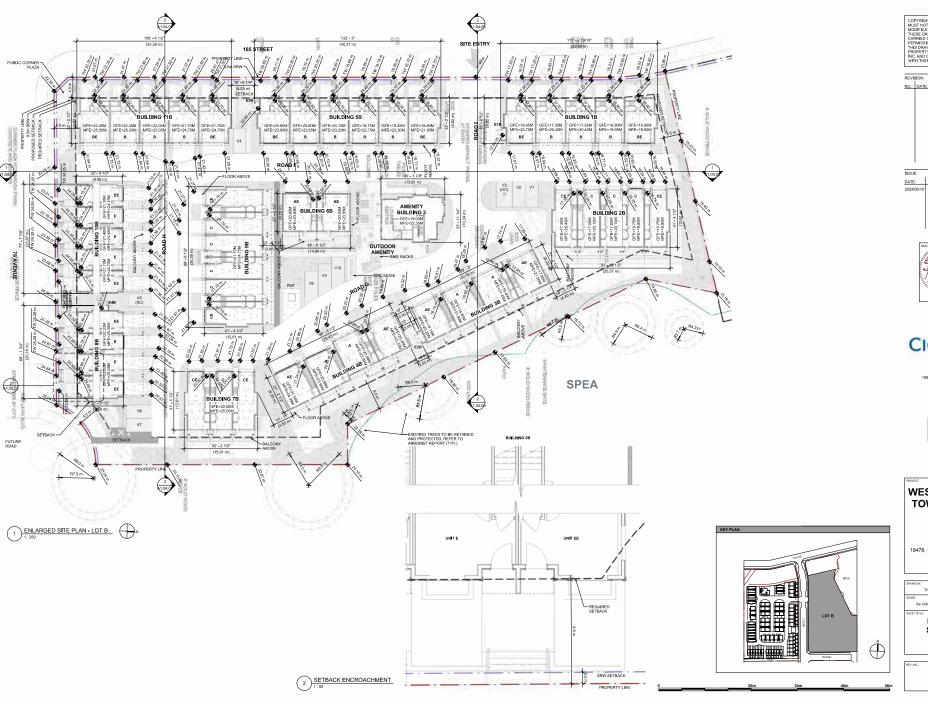
18478, 18504 80 AVE., SURREY BC

ENLA	RGED
1:250	PROJECT NO: 730
DRAWN BY: TH	RC RC

ENLARGED SITE PLAN -LOT A

REV.NO.:

A1.00.01



COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STANDARD OF THE SECONDARD SHALL NOT BE SHADOWN ON THE SECONDARD SHADOWN OF THE STANDARD SHA



DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP







WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY

ENLA	RGED
SCALE As indicated	PROJECT NO. 730
DRAWN BY: TH	RC RC

SITE PLAN LOT B

A1.00.02



COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STANDARD OF THE SECONDARD SHALL NOT BE SHADOWN ON THE SECONDARD SHADOWN OF THE STANDARD SHA



ISSUE:	
DATE:	DESCRIPTION:
2024/06/10	ISSUED FOR DP







WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY, BC

_	.OT ERAGE
As indicated	730
TH	PROJECT NO:
DRAWN BY:	CHECKED BY:

LOT	
COVERAGE	
DIAGRAM	



	LOT A	
BUILDING	PROJECTED AREA (SM)	PROJECTED AREA (M2)
AMENITY BUILDING 1	1,705.98	158.49
BUILDING 1A	2,917.16	271.01
BUILDING 2A	2,152.13	199.94
BUILDING 3A	4,206.94	390.83
BUILDING 4A	3,999.43	371.56
BUILDING 5A	3,999.43	371.56
BUILDING 6A	2,198.12	204.21
BUILDING 7A	4,895.63	454.82
BUILDING 8A	3,999.43	371.56
BUILDING 9A	3,999.43	371.56
BUILDING 10A	4,354.80	405.50
BUILDING 11A	3,616.81	336.01
BUILDING 12A	3,941.36	366.16
BUILDING 13A	3,941.36	366.16
BUILDING 14A	4,326.31	401.92
TOTAL	54,264.32	5,041.28
LOT A SITE AREA	132,645.19	12,323.04

	LOT B	
BUILDING	PROJECTED AREA (SM)	PROJECTED AREA (M2)
AMENITY BUILDING 2	1,333.84	123.92
BUILDING 1B	3,654.82	339.54
BUILDING 2B	3,523.88	327.38
SUILDING 3B	2,880.95	267.65
BUILDING 4B	2,882.63	267.80
BUILDING 5B	4,330.03	402.27
BUILDING 6B	1,462.26	135.85
BUILDING 7B	2,152.13	199.94
BUILDING 8B	2,565.21	238.31
BUILDING 9B	4,209.20	391.04
SUILDING 10B	3,191.16	296.47
BUILDING 11B	3,618.36	336.15
OTAL	35,804.47	3,326.32
LOT B SITE AREA	101,986.60	9,474.79
LOT COVERAGE		35%

LOT COVERAGE (HARDSCAPE)

	LOT	A	LOT	В
	AREA (SF)	AREA (M2)	AREA (SF)	AREA (M2)
STRATA ROADS	27,499.25	2,554.74	19,565.53	1,817.68
VISITOR PARKING PLATFORMS	2,736.69	254.24	1,836.31	170.60
UNIT DRIVEWAY APRONS	9,628.99	894.55	6,874.30	638.64
TOTAL OF HARD SURFACED AREA	39,864.93	2,554.74	28,276.14	1,817.68
SITE AREA	132,645.19	12,323.04	101,986.60	9,474.79
HARDSCAPE COVERAGE		30%		289





LOT A

COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE SCALED FOR THE SCALED FROM THE

REVISION:
NO.: DATE: DESCRIPTION:

| ISSUE: | DESCRIPTION: | 2024/08/10 | ISSUED FOR DP





1985 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741



WEST CLAYTON TOWNHOUSES

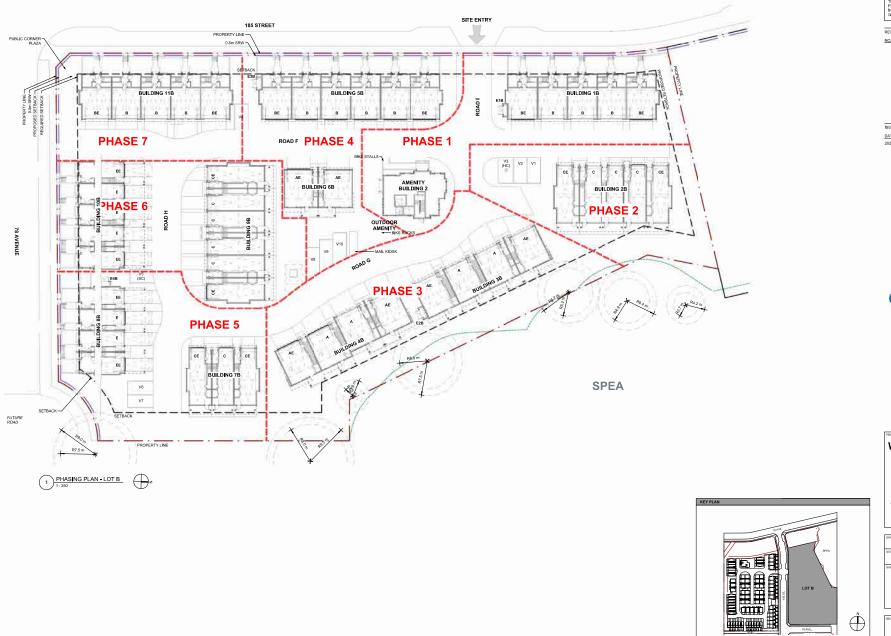
18478, 18504 80 AVE., SURREY BC

PHA	SING	
1:250	PROJECT NO. 730	
DRAWN BY: TH	CHECKED BY:	

PHASING PLAN - LOT A



A1.01.00



COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STANDARD OF THE SECONDARD SHALL NOT BE SHADOWN ON THE SECONDARD SHADOWN OF THE STANDARD SHA



DATE:	DESCRIPTION:
	ISSUED FOR DP







WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY BC

PHA	SING
SHEET TITLE:	
1:250	730
SCALE	PROJECT NO.
TH	RC
DRAWN BY:	CHECKED BY:

PLAN - LOT B



A1.01.01



(c2) (c1) J)

SECONDARY SOFFIT PAINTED, DULUX DLX1009-7 LICORICE R1: ALUMINUM PICKET R2: GLAZING GUARDRAIL R3: PAINTED WOOD PICKET S PRIVACY SCREEN S1: PAINTED WOOD S2: PANEL AND FRAME OVERHEAD DOOR PAINTED, DULUX DLX1009-7 LICORICE

GENTEK LINEN

RAILING

COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STANDARD OF THE SECONDARD SHALL NOT BE SHADOWN ON THE SECONDARD SHADOWN OF THE STANDARD SHA

REVISION: DESCRIPTION: NO.: DATE:

ISSUE: DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP

CICCOZZI

15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741

WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY

730 As indicated

COLOUR SCHEME 1 **BROWNSTONE** (DARK BASE)

A1.03.00

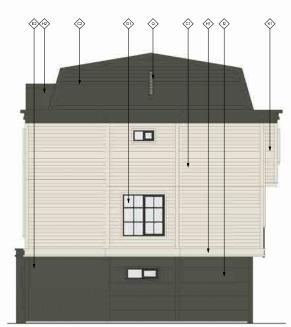


3 BROWNSTONE DARK SCHEME - GARAGE ENTRY
1:50 BUILDING 1A 404 - ----

4 BROWNSTONE DARK SCHEME - SIDE
1:50 BUILDING 14 404 414 11

2 BROWNSTONE DARK SCHEME - FRONT ENTRY
1:50 BUILDING 4A 402 444 177

(12)







COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED, VARIATIONS AND MODIFICATIONS TO YOKE SHOWN ON A COMMON TO THE STATE OF THE STATE O



ISSUE:

DATE: DESCRIPTION:
2024/06/10 ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741





18478, 18504 80 AVE., SURREY BC

	OUR
As indicated	730
SCALE	PROJECT NO.
TH	RC
DRAWN BY:	CHECKED BY:

SCHEME 2 BROWNSTONE (LIGHT BASE)

REV.NO.

A1.03.01

1) BROWNSTONE LIGHT SCHEME - GARAGE/FRONT ENTRY BUILDING 6A, 11A, 3B, 4B, 6B





♦

(G1)

 $\langle B \rangle \langle I \rangle$

3 BROWNSTONE LIGHT SCHEME - SIDE 1:50 BUILDING 6A, 11A, 3B, 4B, 6B

(K1)





COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON COMMENT OF WARRED OUT WITHOUT WRITTEN PERMISSION FROM THE ARCHITECTS.

THE COMMENT OF CLICACT, ARCHITECT ON THE COMMENT OF CLICACT, ARCHITECT ON WITH THEIR VIRITIES PERMISSION.

REVISION:
NO. DATE: DESCRIPTION

ISSUE:

DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741





18478, 18504 80 AVE., SURREY BC

DRAWN BY:	CHECKED BY:
TH	RC
SCALE	PROJECT NO:
As indicated	730

COLOUR SCHEME 3 ARTISAN (DARK)

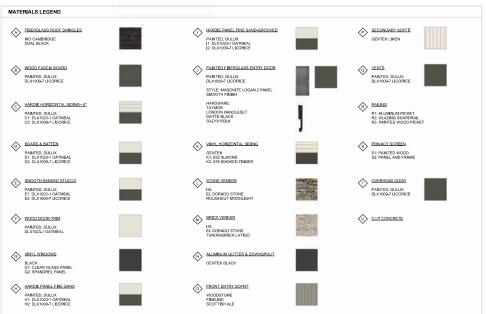
REV.NO.:

A1.03.02









COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STANDARD OF THE SECONDARD SHALL NOT BE SHADOWN ON THE SECONDARD SHADOWN OF THE STANDARD SHA



ISSUE: DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP

CICCOZZI

15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741





18478, 18504 80 AVE., SURREY

DRAWN BY:	CHECKED BY:
TH	RC
SCALE	PROJECT NO.
As indicated	730
SHEET TITLE:	-
COLOUR	

SCHEME 4 ARTISAN (LIGHT)

A1.03.03









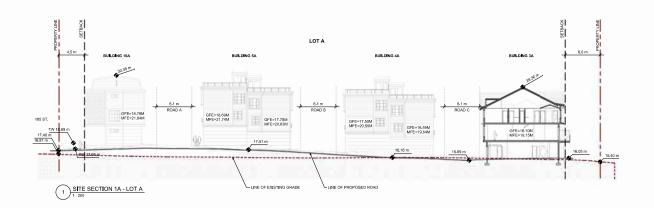
(E1)

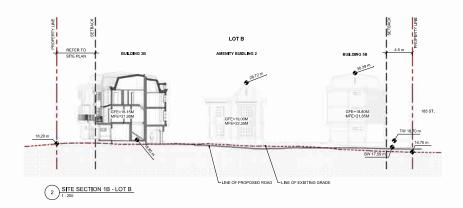
(a) (a) (c)

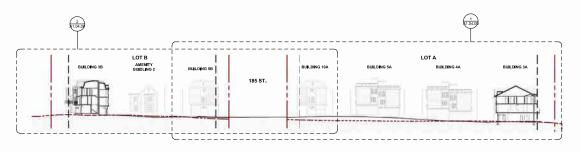




BUILDING 12A, 13A, 8B, 10B















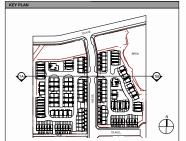


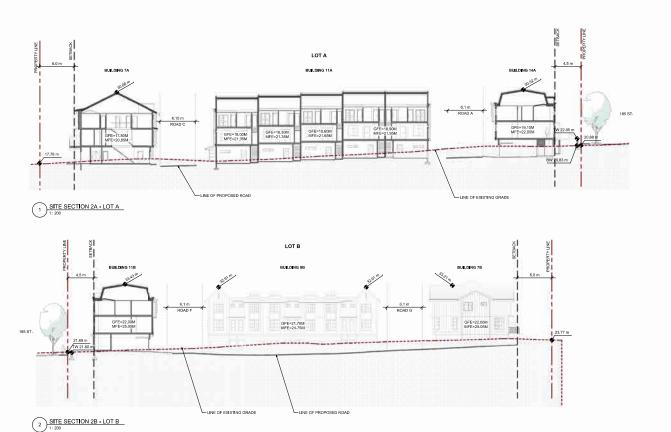
WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY BC

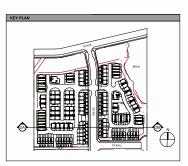
	TE TIONS
SHEET TITLE:	
As indicated	730
SCALE	PROJECT NO.
TH	RC
DRAWN BY:	CHECKED BY:

A1.04.00









COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STATE OF THE STAT

REVISION:
NO.. DATE: DESCRIPTION:

ISSUE:
DATE DESCRIPTION:
2024/00/10 ISSUED FOR DP





195 HLOOK 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741



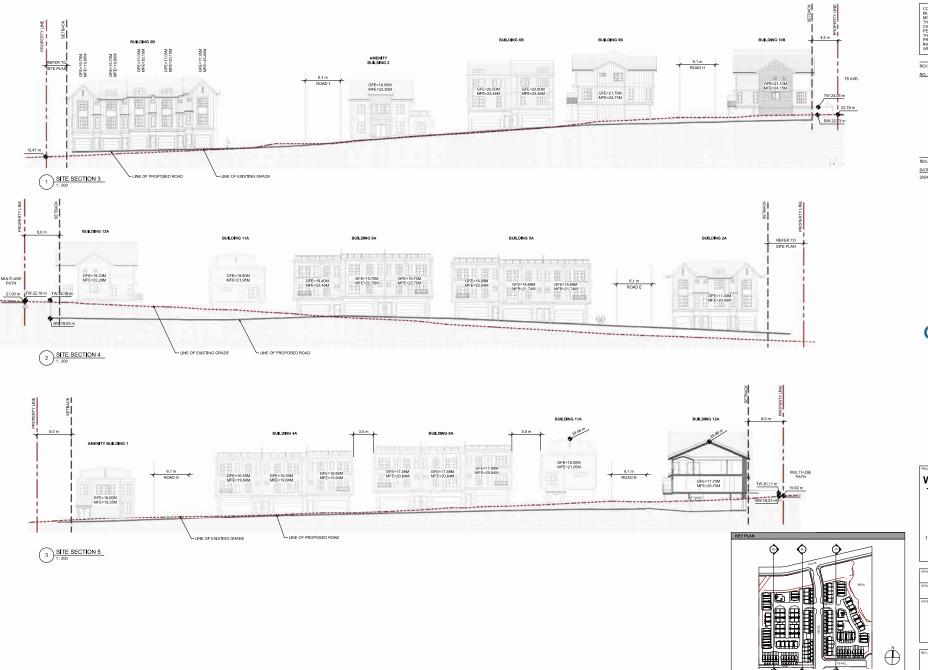
WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY BC

SCALE: PROJECT NO.

REV.NO.:

A1.04.01



COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED, VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE SHOWN ON THE SECRET OF THE SHAPE O

REVISION:
NG.: DATE: DESCRIPTION:

ISSUE:
DATE: DESCRIPTION:
202400410 ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741



WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY BC

1:200	PROJECT NO.
SHEET TITLE	730
	TE TONS

REV. NO.:

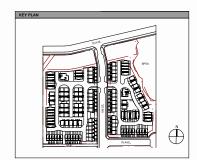
A1.04.02



1 STREETSCAPE - 185 ST. LOT A



STREETSCAPE - 185 ST. LOT B



COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STANDARD OF THE SECONDARD SHALL NOT BE SHADOWN ON THE SECONDARD SHADOWN OF THE STANDARD SHA

REVISION:

ISSUE: DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741



WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY BC

	TSCAPE
1:200	PROJECT NO: 730
TH	RC
DRAWN BY:	CHECKED BY:

185 ST



A1.05.00



1 STREETSCAPE - MUP



STREETSCAPE - 78 AVE.

COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STATE OF THE STAT

NO.	DATE:	DESCRIPTION:
IVO.	DAIL.	DESCRIPTION.



DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP







WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY, BC

DRAWN BY:	CHECKED BY:
TH	RC
SCALE	PROJECT NO.
1:200	730

STREETSCAPE MUP & 78 AVE



A1.05.01



A2.A10.03









COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STATE OF THE STAT

REVISION:
NG. DATE: DESCRIPTION:

| ISSUE: | | DESCRIPTION: | | 2024/06/10 | ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741







18478, 18504 80 AVE., SURREY BC

BUILD	NITY DING 1 ATIONS
SCALE: As indicated	PROJECT NO: 730
DRAWN BY: TH	CHECKED BY: RC

REV, NO.

A2.A15.03



1 AMENITY BUILDING 1 - NORTH ELEVATION

2 AMENITY BUILDING 1 - WEST ELEVATION 1:50

COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED, VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE SECRET OF T



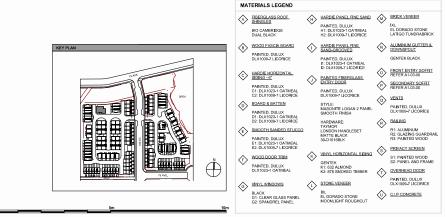
| ISSUE: | DATE: | DESCRIPTION: | 2024/00/10 | ISSUED FOR DP



CICCOZZI

15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741







18478, 18504 80 AVE., SURREY

AM BUIL	ENITY DING 1 ATIONS
As indicated	PROJECT NO: 730
DRAWN BY: TH	CHECKED BY:

REV, NO, I

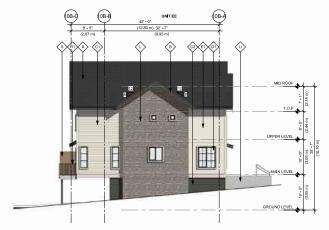
A2.A15.04



U CLP CONCRETE

A2.B5.03

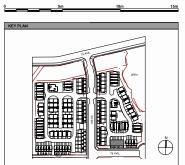








BUILDING 10B - EAST ELEVATION



MATERIALS LEGEND

IKO CAMBRIDGE

	DUAL BLACK	H2
>	WOOD FASCIA BOARD	⟨Î⟩ HA SA
	PAINTED, DULUX DLX1009-7 LICORICE	PA I1: I2:
>	HARDIE HORIZONTAL SIDING - 6"	< ₽

- C1: DLX1023-1 OATMEAL C2: DLX1009-7 LICORICE D BOARD & BATTEN
- PAINTED, DULUX D1: DLX1023-1 OATMEAL D2: DLX1009-7 LICORICE
- PAINTED, DULUX E1: DLX1023-1 OATMEAL E2: DLX1009-7 LICORICE ⟨F⟩ WOOD DOOR TRIM
- PAINTED, DULUX DLX1023-1 OATMEAL G VINYL WINDOWS

- HARDIE PANEL FINE SAND M BRICK VENEER A FIBERGLASS ROOF SHINGLES PAINTED, DULUX H1: DLX1023-1 OATMEAL H2: DLX1009-7 LICORICE
 - AINTED, DULUX
 - PAINTED, DULUX DLX1009-7 LICORICE
 - STYLE: MASONITE LOGAN 2 PANEL SMOOTH FINISH PAINTED, DULUX DLX1009-7 LICORICE HARDWARE: TAYMOR LONDON HANDLESET MATTE BLACK 30-D1015BLK R RAILING R1: ALUMINUM R2: GLAZING GUARDRAIL R3: PAINTED WOOD
 - S PRIVACY SCREEN K VINYL HORIZONTAL SIDING
 - OVERHEAD DOOR STONE VENEER IXL EL DORADO STONE MOONLIGHT ROUGHCUT U CLP CONCRETE

GENTEK BLACK

P SECONDARY SOFFIT REFER A1.03.00

COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THESE DRAWINGS SHALL NOT BE CARRIED OUT WITHOUT WRITTEN PERMISSION FROM THE ARCHITECTS. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF CICCOZZI ARCHITECTURE INC. AND CAN BE REPRODUCED ONLY WITH THEIR WRITTEN PERMISSION.

REVISION: DESCRIPTION NO.: DATE:

ISSUE DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. GANADA V6E 2M6 TEL: 604 687-4741



WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY

BUILDING	
As indicated	PROJECT NO: 730
TH	RC
DRAWN BY:	CHECKED BY:

10B **ELEVATIONS**







COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STANDARD OF THE SECONDARD SHALL NOT BE SHADOWN ON THE SECONDARD SHADOWN OF THE STANDARD SHA



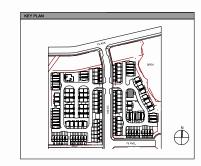
ISSUE: DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741







PAINTED, DULUX E1: DLX1023-1 OATMEAL E2: DLX1009-7 LICORICE

♦ WOOD DOOR TRIM PAINTED, DULUX DLX1023-1 OATMEAL

BLACK G1: CLEAR GLASS PANEL G2: SPANDREL PANEL

HARDIE PANEL FINE SAND M BRICK VENEER PAINTED, DULUX H1: DLX1023-1 OATMEAL H2: DLX1009-7 LICORICE

N ALUMINUM GUTTER & DOWNSPOUT ARDIE PANEL FINE. PAINTED, DULUX

11: DLX1023-1 OATMEAL 12: DLX1009-7 LICORICE FRONT ENTRY SOFFIT REFER A1.03.00 P SECONDARY SOFFIT REFER A1.03.00 PAINTED, DULUX DLX1009-7 LICORICE PAINTED, DULUX DLX1009-7 LICORICE

GENTEK BLACK

STYLE: MASONITE LOGAN 2 PANEL SMOOTH FINISH HARDWARE: TAYMOR LONDON HANDLESET MATTE BLACK 30-D1015BLK R RAILING R1: ALUMINUM R2: GLAZING GUARDRAIL R3: PAINTED WOOD

 VINYL HORIZONTAL SIDING
 S PRIVACY SCREEN OVERHEAD DOOR

 STONE VENEER IXL EL DORADO STONE MOONLIGHT ROUGHCUT U CLP CONCRETE

WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY

As indicated 730

AMENITY BUILDING 2 ELEVATIONS

A2.B12.03



COPYRIGHT RESERVED. THIS DRAWING MUST NOT BE SCALED. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE THE STANDARD OF THE SECONDARD SHALL NOT BE SHADOWN ON THE SECONDARD SHADOWN OF THE STANDARD SHA



ISSUE:

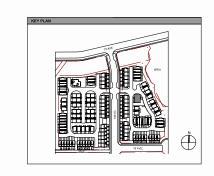
DATE: DESCRIPTION: 2024/06/10 ISSUED FOR DP





15th FLOOR 1095 WEST PENDER STREET VANCOUVER, B.C. CANADA V6E 2M6 TEL: 604 687-4741







C HARDIE HORIZONTAL. PAINTED, DULUX C1: DLX1023-1 OATMEAL C2: DLX1009-7 LICORICE

D BOARD & BATTEN PAINTED, DULUX D1: DLX1023-1 OATMEAL D2: DLX1009-7 LICORICE

PAINTED, DULUX E1: DLX1023-1 OATMEAL E2: DLX1009-7 LICORICE ♦ WOOD DOOR TRIM

PAINTED, DULUX DLX1023-1 OATMEAL

HARDIE PANEL FINE SAND M BRICK VENEER PAINTED, DULUX H1: DLX1023-1 OATMEAL H2: DLX1009-7 LICORICE

ARDIE PANEL FINE. PAINTED, DULUX

11: DLX1023-1 OATMEAL 12: DLX1009-7 LICORICE FRONT ENTRY SOFFIT REFER A1.03.00 P SECONDARY SOFFIT REFER A1.03.00 PAINTED, DULUX DLX1009-7 LICORICE

STYLE: MASONITE LOGAN 2 PANEL SMOOTH FINISH HARDWARE: TAYMOR LONDON HANDLESET MATTE BLACK 30-D1015BLK R RAILING

VINYL HORIZONTAL SIDING
 S PRIVACY SCREEN

 STONE VENEER IXL EL DORADO STONE MOONLIGHT ROUGHOUT

OVERHEAD DOOR

U CLP CONCRETE

N ALUMINUM GUTTER & DOWNSPOUT

GENTEK BLACK

PAINTED, DULUX DLX1009-7 LICORICE

WEST CLAYTON TOWNHOUSES

18478, 18504 80 AVE., SURREY

RC As indicated 730 R1: ALUMINUM R2: GLAZING GUARDRAIL R3: PAINTED WOOD

AMENITY BUILDING 2 ELEVATIONS

A2.B12.04



Copyright reserved. This drawing and design is the property of PMG Landscape Architects and may not be reproduced or used for other projects without their

ARCHITECTS Suite C100 - 4185 Still Creek Drive Burnaby, British Columbia, V5C 6G9 p: 604 294-0011 ; f: 604 294-0022

3 23.88.28 2 23.88.27 1 23.55.19 NEW SITE PLAN REVISION DESCRIPTION

WEST CLAYTON TOWNHOUSE DEVELOPMENT

18478 18504 80 AVE SURREY, BC

DRAWING TITLE:

LANDSCAPE PLAN

23.MAY.17 1:300 DESIGN: OF 10

PMG PROJECT NUMBER:



Copyright reserved. This drawing and design is the property of PMG Landscape Architects and may not be reproduced or used for other projects without their

NEW SITE PLAN

TOWNHOUSE DEVELOPMENT



Suite C100 - 4185 Still Creek Drive Burnaby, British Columbia, V5C 6G9 p: 604 294-0011 ; f: 604 294-0022

3 23.88.28 2 23.88.27 1 23.55.19 NEW SITE PLAN

PROJECT:

CLIENT

WEST CLAYTON TOWNHOUSE DEVELOPMENT

18478, 18504 80 AVE SURREY, BC

DRAWING TITLE:

SHRUB PLAN

E:	23.MAY.17	DRAWING NUMBER:
LE:	1:150	
WN:	DO/MC	14
IGN:	DO/MC	
D:	MCY	OF 10



PMG PROJECT NUMBER:

23-008



GFE-17:80M



©Copyright reserved. This drawing and design is the property of PMG Landscape Architects and may not be reproduced or used for other projects without their

LANDSCAPE ARCHITECTS Suite C100 - 4185 Still Creek Dr

Suite C100 - 4185 Still Creek Drive Burnaby, British Columbia, V5C 6G9 p: 604 294-0011 ; f: 604 294-0022

SEAL:

24.JUN.04	REVISE PER NEW SITE PLAN	730
23.DEC.07	NEW SITE PLAN, CLIENT COMMENTS	MA
23.OCT.03	NEW SITE PLAN / REVISED GRADING	DC
23.AUG.22	PLANTING/ DETAILS ADDED	MA
23.301.28	PLANTING PLAN	м
23.55.27	REVISED BLDG. GRADES	DC
23.55.19	NEW SITE PLAN	DC
DATE	REVISION DESCRIPTION	DR

CLIENT:

PROJECT:

WEST CLAYTON
TOWNHOUSE DEVELOPMENT

18478, 18504 80 AVE SURREY, BC

DRAWING TITLE:

SHRUB PLAN

E:	23.MAY.17	DRAWING NUMB
LE:	1:150	
WN:	DO/MC	15
IGN:	DO/MC	
CD:	MCY	OF

PMG PROJECT NUMBER:

Copyright reserved. This drawing and design is the property of PMG Landscape Architects and may not be reproduced or used for other projects without their

LANDSCAPE ARCHITECTS Suite C100 - 4185 Still Creek Drive Burnaby, British Columbia, VSC 609 p. 604 294-0022

SEAL:

7 34/3/5/01 REVOSE PER NOW SUTE FLAVE RE 2002CE PER NOW SUTE FLAVE RE 2002CE PER NOW SUTE FLAVE RESULTED COMMENTS MAN PER NOW SUTE FLAVE RESULTED COMMENTS R

CLIENT:

PROJECT:

WEST CLAYTON
TOWNHOUSE DEVELOPMENT

18478, 18504 80 AVE SURREY, BC

DRAWING TITLE:

SHRUB PLAN

DATE:	23.MAY.17	DRAWING NUMBER
SCALE:	1:150	
DRAWN:	DO/MC	L6
DESIGN:	DO/MC	LU
CHKD:	MCY	OF 1

PMG PROJECT NUMBER:



Copyright reserved. This drawing and design is the property of PMG Landscape Architects and may not be reproduced or used for other projects without their

Suite C100 - 4185 Still Creek Drive Burnaby, British Columbia, V5C 6G9 p: 604 294-0011 ; f: 604 294-0022

3 23.88.28 2 23.88.27 1 23.55.19 NEW SITE PLAN REVISION DESCRIPTION

WEST CLAYTON TOWNHOUSE DEVELOPMENT

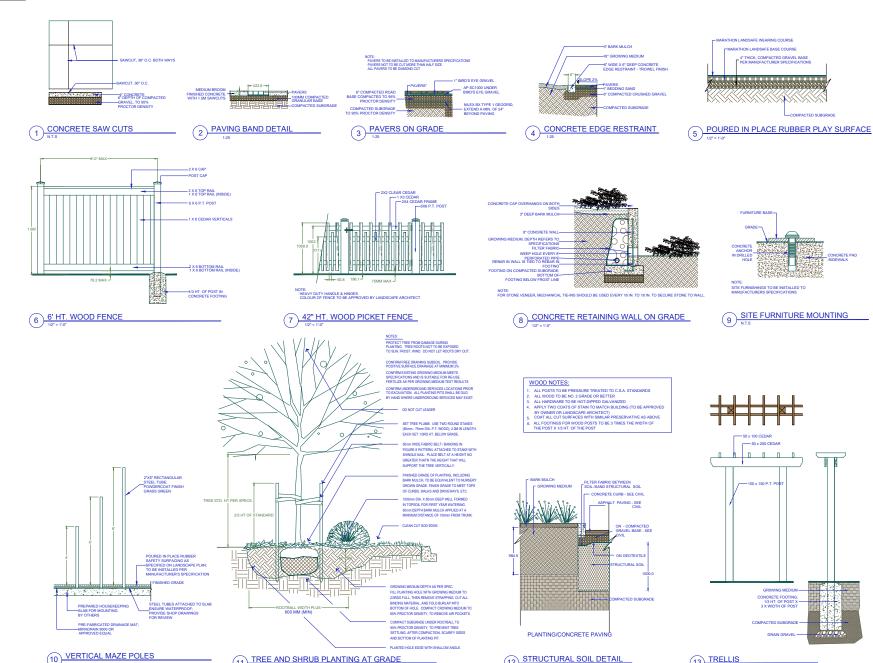
18478, 18504 80 AVE SURREY, BC

DRAWING TITLE:

MATERIALS PLAN

23.MAY.17

PMG PROJECT NUMBER:



TREE AND SHRUB PLANTING AT GRADE

12 STRUCTURAL SOIL DETAIL

13 TRELLIS

©Copyright reserved. This drawing and design is the property of PMG Landscape Architects and may not be reproduced or used for other projects without their

SEAL

Suite C100 - 4185 Still Creek Drive Burnaby, British Columbia, V5C 6G9 p: 604 294-0011; f: 604 294-0022

1 23.303.19 NEW SITE PLAN REVISION DESCRIPTION

PROJECT:

CHENT

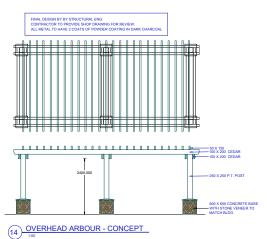
WEST CLAYTON TOWNHOUSE DEVELOPMENT

18478 18504 80 AVE SURREY, BC

DRAWING TITLE:

LANDSCAPE **DETAILS**

23.MAY.17 AS SHOWN DRAWN DESIGN: CHK'D: MCY OF 10





HOLLAND STONE RED AND GREY







HAUSER LOFT CLUB CHAIR AND LOVE SEAT



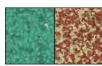


WISHBONE PARKER BENCH WISHBONE PARKER PICNIC TABLE





MAGLIN 3100 SERIES BIKERACK



RED 50% & BEIGE 50%



TURQUOISE 75% & BEIGE 25% WITH SLIDE

MARATHON RUBBER PLAY SURFACE KOMPAN PLAY TOWER

Copyright reserved. This drawing and design is the property of PMG Landscape Architects and may not be reproduced or used for other projects without their

Suite C100 - 4185 Still Creek Drive Burnaby, British Columbia, V5C 6G9 p: 604 294-0011 ; f: 604 294-0022

3 23.RX.28 2 23.RX.27 1 23.JUL.19 NEW SITE PLAN
NO. DATE REVISION DESCRIPTION

CLIENT:

PROJECT:

WEST CLAYTON TOWNHOUSE DEVELOPMENT

18478, 18504 80 AVE SURREY, BC

DRAWING TITLE:

LANDSCAPE **DETAILS**

23.MAY.17 AS SHOWN DRAWN: DESIGN: DO/MC CHKD: MCY





TO: Director, Development Planning, Planning and Development Department

FROM: Manager, Development Services, Engineering Department

DATE: September 03, 2024 PROJECT FILE: 7824-0177-00

RE: Engineering Requirements
Location: 18494 79 Ave

NCP AMENDMENT

There are no engineering requirements relative to the NCP Amendment.

REZONE/SUBDIVISION

Property and Right-of-Way Requirements

- Dedicate 16.0 m and half cul-de-sac with 14.0 m radius towards 78 Avenue.
- Dedicate 20.0 m towards 185 Street.
- Dedicate required corner cuts at all intersections.
- Register 0.5 m statutory right-of-way along all road frontages.

Works and Services

- Construct 78 Avenue, 79 Avenue and 185 Street.
- Construct drainage pond and trunk sanitary sewer per the NCP.
- Construct adequately sized downstream and frontage water, sanitary and storm mains.
- Complete sanitary and storm catchment analyses and address downstream constraints.
- Construct water, sanitary and storm service connections to each lot.
- Implement on-site storm mitigation and water quality treatment.
- Register applicable legal documents as determined through detailed design.

A Servicing Agreement is required prior to Rezone/Subdivision. Cost recovery agreements will require Council Approval for the drainage pond and trunk sewer, which are necessary for Final Adoption.

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

Manager, Development Services

RH/dis



Department: Planning and Demographics

Date: August 21, 2024
Report For: City of Surrey

Development Impact Analysis on Schools For:Application #: 24-0177

The proposed development of 125 Townhouse units and Single Family with Suite units are estimated to have the following impact

on elementary and secondary schools within the school regions.

School-aged children population projection 120

Projected Number of Students From This Development In:			
Elementary School =	64		
Secondary School =	36		
Total Students =	100		

Current Enrolment and Capacities:		
Regent Road Elementary		
Enrolment	335	
Operating Capacity	612	
# of Portables	0	
Ecole Salish Secondary		
Enrolment	1473	
Operating Capacity	1500	
# of Portables	0	

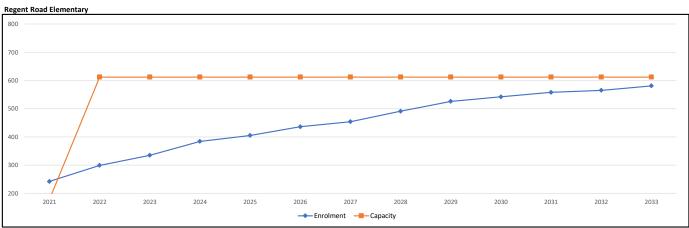
Summary of Impact and Commentary

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.

As of September 2023, Regent Road is at 55% capacity. Currently, both Regent Road and Maddaugh Elementary that opened in the beginning of 2021 can handle student population growth over the coming years.

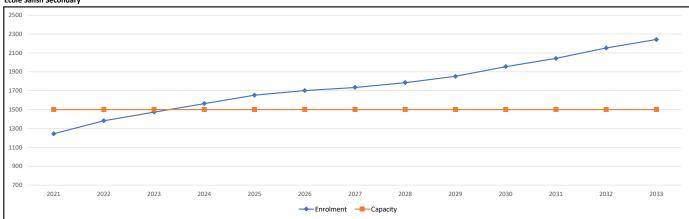
The enrolment projections will need to be updated with the coming changes to the Clayton Corridor plan and the Provincial legislation. Future schools will be required to accommodate build out of the area.

As of September 2023, E'cole Salish is at 99% capacity. This school was built to relieve enrolment pressure at both Lord Tweedsmuir and Clayton Heights Secondary. Salish is projected to continue to grow because of the strong in-migration of new secondary students moving into the community. The growth trend will surpass capacity in 2024; the enrolment will continue to grow in this school well beyond 2024.



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.





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.

BUILDING GUIDELINES SUMMARY

Surrey Project no: 24-0177-00

Project Location: 18494 79 Avenue, Surrey BC

Design Consultant: Angus J. Muir – AJ Muir Design Ltd.

Date: July 17, 2024

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

1. Context Neighbourhood and Context Homes

1.1 Establishing the Context Neighbourhood:

The Context Neighbourhood includes the parent parcel(s) of the proposed development (herein called the Subject Site) and surrounding properties. The Context Neighbourhood (as outlined graphically on Appendix A within the Character Study) was established by considering the geographical area, road system, and generally what would be perceived as the Neighbourhood to which the parent parcel(s) belongs. This includes consideration of homes visible from the Subject Site and along the main access route. The Context Neighbourhood should be seen as the area to which the parent parcel(s) is part of, and would be affected by development of the Subject Site as new lots are created and added to the Neighbourhood.

The Context Neighborhood is bounded by 184 Street to the west of the Subject Site, 188 Street to the east of the Subject Site, 80 Avenue to the north of the Subject Site, and 76 Avenue to the south of the Subject Site. The Context Neighborhood generally includes a significant number of A-1 zoned properties of mixed size, along with a number of RA zoned properties to the south of 76 Avenue.

The greater area beyond the Context Neighborhood is primarily residential acreage lots to the south and east of the Context Neighborhood, and actively farmed agricultural land to the north and west of the Context Neighborhood. The Context Neighborhood that was selected fairly represents this broader area, and this study would not have different findings if this broader area was included within the Context Neighborhood for the sake of this study.

1.2 Establishing Context Homes within the Context Neighbourhood:

In the Residential Character Study for this development existing homes in the Context Neighbourhood have been reviewed to determine if they are Context Homes and have features that are considered when developing the recommendations for the Design Guidelines and Building Scheme. The Context Neighbourhood is comprised of 44 properties not including the Subject Site. None of the existing homes within the Context Neighbourhood have been determined to be Context Homes and none of the existing homes will be considered when developing restrictions for the Building Scheme. The Character Study for this development elaborates on the review process and determination.

2. Residential Character

2.1 General Description of the Existing and/or Emerging Residential Character of the Subject Site and Context Neighbourhood:

The parent parcels for the proposed subdivision at the Subject Site are located between 184 Street to the west and 188 Street to the east, and are on the south side of 80 Avenue. The proposed development includes Townhouse sites, Residential Fee Simple lots, Streamside Protection and Enhancement Areas, and Green Infrastructure Network areas. It also includes infrastructure such as roads.

The Context Neighborhood includes a significant number of agricultural properties, many of which will be rezoned and subdivided into residential neighborhoods in the next few years. Some of the adjacent farmland in the Agricultural Land Reserve will remain as actively farmed agricultural land. The existing residential properties in the Context Neighborhood are very low density and will undergo significant development and densification in the near future.

The proposed development at the Subject Site represents an interface between the future residential neighborhoods to the south and east, and the farmland to the north and west. The proposed land use in the West Clayton Neighborhood Concept Plan reflects this interface area.

Considering the character of the existing Context Neighborhood and broader area, compared to what is proposed for development at the Subject Site, and for the broader development area in the West Clayton Neighborhood Concept Plan, the Residential Character of the area could only be called emerging.

2.2 Prevailing Features of the Context Homes Significant to the Proposed Design Guidelines and Recommendations for the Building Scheme:

As outlined and established in Section 1, the existing Residential Character, and specifically the character and features of existing homes in the Context Neighborhood, cannot effectively be considered for new homes to be in keeping with the West Clayton Neighborhood Concept Plan. Due to the significant redevelopment of the entire area planned for the near future, the Design Guidelines for new homes should support current levels of quality in design along with industry standard materials and detailing which will ensure the new Residential Character of the area is of consistent high quality.

In this section various components of home and landscaping are considered and recommendations are made for developing the restrictions in the Design Guidelines to be registered as a Building Scheme on all of the new Single Family lots in the proposed development at the Subject Site.

House Styles

Current popular and appropriate home styles include Neo-Traditional and Neo-Heritage,
West Coast, Craftsman, Contemporary, Modern Farmhouse, Modern Prairie, French Country
and French Provincial. These styles are indicative of what has been popular over the last ten
years to present. The homes may share many common elements of roof design and massing
but identify separately as specific styles by the cladding, detailing and colours used.

Recommendation: The Design Guidelines for the new lots on the Subject Site should encourage these popular styles while acknowledging shifting trends towards more modern styles, but not to the degree that radically modern styles would be permitted. Some hybrid styles such as Modern Prairie, Modern Farmhouse, Contemporary-Traditional or Contemporary-French Provincial may suit the area. Names of styles need to be avoided in the Design Guidelines but rather the specific styles should be supported or restricted by identifying which contributing elements, massing, roof form and materials create the overall style, and then restrictions specific to these elements should be carefully crafted.

Building Massing

- Building Massing considers the overall mass and form of the exterior of the home. The general concept is that softer massing is often more pleasing while bold and tall massing may only suit specific styles. Massing can be reduced by offsetting upper walls behind lower walls, adding roof forms which break up wall massing, or adding a combination of vertical and horizontal articulation to the home. A softer or reduced front façade massing can often prevent a home from appearing to be imposing on the streetscape. Where lot grades inherently expose one side of a home more than the others the massing can also become undesirable.
- Recommendation: The Design Guidelines for the new lots on the Subject Site should discourage full two storey massing and limit two storey elements by requiring portions of the upper floor to be set back from the main floor, and where two storey elements occur they should be broken up by design elements such as skirt roofs and boxed out windows. Some two storey massing should be permitted if it suits the specific style or achieves a particular design element. It would be recommended to have minimum 50% of the front of the home with one storey massing, and the second floor should be stepped back a minimum of 1.0m from the first floor. For upslope lots additional massing restrictions should be included to ensure front facades are not overbearing. For side slope lots additional grading and retaining requirements should be included to reduce large side wall massing, and should also consider special restrictions for conditions where large wall massing may be undesirable.

Corner Lot Design

- A home on a corner lot inherently exposes more sides of the home to be visible from the street. Attention to secondary elevations which face a street will ensure that the home is appealing from more than just the front view. Flanking side elevations of the home may be treated similar to front facing elevations but also needs to consider privacy within the home and the rear yard.
- Recommendation: The Design Guidelines for the new lots on the Subject Site should require flanking side elevations to have upgraded facades compared to elevations that do not face a street, including requirements for additional articulation, softened massing and upgraded cladding and detailing. The flanking side elevations should have similar requirements as the front elevation massing noted above, but perhaps a better ratio would be minimum 33% one storey elements.

Roof Form and Material

 Roof Form is one of the most important design elements of a home. Careful consideration of specific roof forms help to reinforce the overall style of a home. Certain roof forms are indicative of certain styles and if not combined properly with the appropriate detailing and massing, the home will not appear to have pleasing aesthetics or overall quality of design. Elements of roof design include pitch, material, fascias & barge boards, overhangs and colour. Recommendation: The Design Guidelines for the new lots on the Subject Site should encourage a range of roof forms indicative of the current popular and appropriate styles noted above, but should restrict the use of monoplane and flat roof forms to ensure they are appropriate to the style, and not permit monoplane or flat roofs as the primary roof form. The main roof form should be restricted to 3/12 or higher pitched roofs. Feature roofs should be encouraged and alternate materials for feature roofs should be permitted if it suits the style. Asphalt shingle roofing with minimum 30 year warranty and manufactured ridge caps should be the primary roofing materials but cedar roofing and concrete tile should be permitted. Modern roofing materials such as fiberglass or environmentally friendly products should also be permitted but only in a shake pattern and with similar rating as the asphalt roofing. Metal roofing should not be permitted as the main roofing material but should be permitted for feature roof elements. Some feature roofs may require torch-on roofing but this should only be permitted if it is not visible from the street.

Cladding and Detailing

- The current popular and appropriate styles noted above would primarily use a mix of traditional building materials and cladding such as stone, stucco, horizontal bevel siding, vertical board and batten siding, wall shakes and brick. Modern building materials such as panel systems may also been used on some feature elements and fascia bands but not as a main cladding material. Trim should be visible on most front facing facades and may be precast moldings, wood or stucco depending on the main cladding material used and the overall style of the home. Some feature elements and materials such as timber or metal bracing may be appropriate along with good window design and feature cladding to achieve style-specific exterior façades. Generally the use of materials should encourage a high level of quality in the cladding and detailing and should not be sparse or minimal.
- **Recommendation:** The Design Guidelines for the new lots on the Subject Site should encourage the use and application of high quality materials and detailing. Minimum requirements for trim and use of feature elements should be required for front facing elevations, including minimum 1x4 window trim, 2x10 base trim and combinations of accent materials which cover at least 20% of the front elevation. A broad range of cladding materials should be permitted but modern cladding systems such as cementitious and metal panel systems should be limited to feature elements only. Vinyl siding should not be permitted on front elevation, or highly visible secondary elevations. Minimum requirements for fascias, fascia bands and barge boards should be outlined including minimum 2x8 fascia boards and minimum 2x10 barge boards.

Surfacing Materials:

- Surfacing Materials refers to the material and finish of driveways, walkways, porches and patios. Materials such as gravel and asphalt are considered lower quality, and materials such as concrete and masonry unit pavers are considered higher quality. Concrete and unit pavers come in a wide range of finishes, with cast-in-place concrete having the broadest range of possible finishes. Additional interest can be added by using a combination of materials and finishes such as having a separate material or finish for borders.
- Recommendation: The Design Guidelines for the new lots on the Subject Site should encourage driveway and walkway surfacing to be unit pavers or concrete in a range of finishes such as exposed aggregate, stamped or other similar architectural treatments. Borders should be permitted but restrictions should include minimum dimensions for borders so they are an appropriate size. Main entry and front walkways should only be permitted to match the driveway material. Gravel and asphalt driveways and front walkways should not be permitted. Walkways and patios which are not visible from the street should be permitted to have broom or smooth finish concrete.

Garages:

- The proposed fee simple lots are all front loaded and will all have attached garages with driveways that connect to the fronting road. Garages will have overhead doors which are front facing. Minimum parking requirements include three spaces for principal dwelling and one additional space for a secondary suite. The driveway configuration will include room for two outside parking spaces.
- **Recommendation:** The Design Guidelines for the new lots on the Subject Site should require all garages to be two car wide and provide the minimum dimensions to satisfy parking requirements. Garages should have doors which close and the panel design of the door should suit the style of the home. Carports should not be permitted.

Front Entry and Porches

- Front entry porches are an important element of a home as they provide a focal point of the façade and make the home feel welcoming. The front entry porch can assist in defining the style of the home as well as adding extra articulation to soften massing. However, a porch needs to be proportionate and should avoid being either too insignificant or overpowering.
- **Recommendation:** The Design Guidelines for the new lots on the Subject Site should encourage a dominant front entry porch and door which is visible from the road but should be limited to a single storey. Restrictions for porch roof height above the porch surface should be included and a maximum dimension of 12'-0" for this is recommended.

Landscaping

- The landscaping on a property generally refers to the areas of the yard which are not covered by buildings, patios, walkways, driveways, etc. Appropriate landscaping considers the addition of natural features to the yard, and can help to soften the look of transitions in grade and transitions from grade to buildings. However, it needs to be carefully planned so it does not block the home from the street at the front, but can provide privacy for other yards. Front yard landscaping most often includes a combination of lawn, planting beds, shrubs and trees. Fencing can be added for privacy but in front yards is often only decorative.
- Recommendation: The Design Guidelines for the new lots on the Subject Site should require a mix of planting beds and lawn area in the front yards along with guidelines for hedging and planting materials to ensure front yards remain manageable and provide natural transitions from the street. A minimum of 13 shrubs should be required in the front yards and on corner lots this should be increased to 25 for the combined front and flanking side. High fencing and hedging should be limited to the sides and rear yards to ensure new homes remain visible, presentable and neighborly. Entry columns and low decorative privacy walls and fences in front yards should be permitted but only with specific review and approval from the Design Consultant.

Retaining:

- Retaining walls are generally only required where grade transitions are not possible by naturally sloping the lot grades. They are also commonly used to provide lowered or depressed areas such as garage access and basement access below grade. Retaining walls to raise areas higher than existing grade are typically considered to be far more visible than retaining walls to create depressed areas below grade. Where retaining is not visible from the street the consideration of the finish and aesthetic is not as important as highly visible retaining.
- Recommendation: The Design Guidelines for the new lots on the Subject Site should limit retaining walls visible from the street to be 0.9m or less in height and terraced where higher transitions are required. Taller walls should be permitted where garages are at the basement level or significantly lower than the front entry porch. Where retaining is visible from the road the material and finish should be restricted to higher quality materials. Where retaining is not visible from the road, such as with sunken basement wells in rear yards, they should have relaxed requirements for material and finish and permit materials such as wood or cast-in-place concrete.

Conclusion:

The emerging Residential Character of the overall area will be established by the proposed new development at the Subject Site. By carefully considering industry standard levels of quality and current trends in design, along with well-established and timeless design concepts, restrictions can be implemented which will set the desired tone. The Design Guidelines for the proposed development can provide flexibility while ensuring the new homes suit the concept for the new neighborhood and maintain levels of quality which will safeguard the new home owners in this development and surrounding areas.

Compliance Deposit: \$10,000.00

Summary prepared and submitted by: Angus J. Muir, AJ Muir Design Ltd. Date: July 17, 2024

Reviewed and Approved by: Angus J. Muir Date: July 17, 2024

Appendix VI

			Appendix v
Appendix A: Summary of Tree Preservation by Species			
Tree Species	Existing	Remove	Retain
Alder and Cottonwood trees			
Black cottonwood	38	34	4
Red Alder	132	96	36
	Deciduous Trees Alder and Cottonwood	trees)	
Bigleaf maple	99	77	22
Cherry	2	1	1
Paper birch	2	1	1
Trembling aspen	5	5	0
Deciduous (Updated survey)	4	1	3
	Coniferous trees	•	•
Western red cedar	25	24	1
Sitka spruce	2	1	1
Western hemlock	7	7	0
Coniferous (Updated survey)	1	1	0
Total (excluding Alder and Cottonwood Trees)	147	117	30
Trees in proposed open space/riparian area	21SPEA+46GIN	1 SPEA	20SPEA+46GIN
Total Replacement Trees Proposed (Excluding Boulevard Street Trees)		366	
Total Retained and Replacement Trees (Total + Total Replacement trees proposed)		366+20+46+2	
Contribution to the Green City Fund (\$550 / deficit tree)			

Appendix B: Tree Preservation Summary

Surrey Project No: pre-application

Address: 18504 and 18478 80 Avenue, Surrey BC

ISA Registered Arborist: Ruben Pineiro,

ISA Certified Arborist (PN8525A)

On-Site Trees	Number of Trees
Protected Trees Identified (on-site and shared trees, including trees within boulevards and proposed streets and lanes, but excluding trees in proposed open	
space or riparian areas).	250
Protected Trees to be Removed	248
Protected Trees to be Retained (excluding trees within proposed open space or riparian areas)	2
Total Replacement Trees Required Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio X one (130) =130 All other Trees Requiring 2 to 1 Replacement Ratio 118 X two (2) =236	366
Replacement Trees Proposed	366
Replacement Trees in Deficit	
Protected Trees to be Retained in Proposed (Open Space/Riparian Areas)	20 SPEA 46 GIN
Off-Site Trees	Number of Trees
Protected Off-Site Trees to be Retained	5
Protected Off-Site Trees to be Removed (for City road dedication)	5
Total Replacement Trees Required Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio	
Replacement Trees Proposed	10
Replacement Trees in Deficit	10

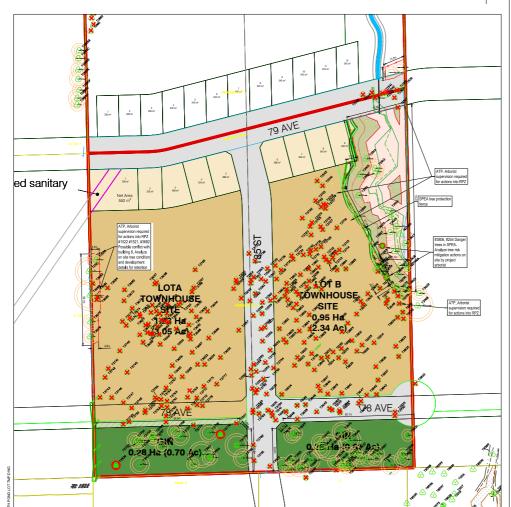
Date: 7 June 2024

Summary prepared and submitted by Ruben Pineiro, Arborist



*Shared tree with City is exempt from replacement tree requirements





LEGEND

Root protection zone (RPZ)



Deciduous Tree w/Tag No. Coniferous Tree w/Tag No.



Tree to be removed (proposed)



0

Proposed Relocated Stream



IMPACT MITIGATION

Tree Protection Barrier: The areas, surrounding the trees to be retained, should be isolated from the construction activity by erecting protective barrier fencing. Where possible, the fencing should be exceeded must be an entire fencing where possible, the fencing should be exceeded must be a minimum of 120mm in height of solid frame construction that is attached to wooden or metal posts. A solid board or rail must unbetween the posts at the lop and the bottom of the fencing. This solid frame can then be covered with plywood, or flexible environing. The fencing must be erected prior to the start of any construction activity on site (it. edemoliton, excavation, or flexible environing. The fencing must be erected to be declare it of limits to all construction related activity. The project arborist must be consulted before this fencing is removed or moved for any purpose. Excavation: We recommend that no excavation occur within tree protection zones of trees that are to be related. Any excavation that is necessary, within the working space settack of trees to be arborist. If it is count, at the time of excavation, that the excavation cannot be completed without severing roots that are critical to the trees health or stability it may be necessary to remove additional trees.

trees health or stability it may be necessary to remove additional trees.

Demotition: If tree removal is proposed to be undertaken in conjunction with demotition operations, there removal permits may be necessary. Note that some municipalities may not approve tree for the some municipalities may not approve tree to remove the proposed permits and the stabilities provided to the some stabilities and the stabilities provided to supervise from the project arborist must be onsite to supervise/monitor demotition subject to onsite or supervise/monitor demotation and stabilities designed to the stabilities of the stabil

consulted.

Mulch layer or phywood over heavy traffic areas; Should it be necessary to access tree protection areas during the construction phase of the project, and heavy foot straffic or webicular encreachment is required, we recommend that a layer of wood of hip horticultural mulch or phywood be installed to reduce compaction. This project abords must be consulted prior to removing or moving Pruning.

norticultural much or plywood be installed to reduce compaction. This project arborist must be consulted prior to removing or moving the protection barrier for this purpose.
Pruning:

• Once tree clearing has taken place we recommend that trees to be retained be pruned to remove deadwood, and to address any structural flaws.

• Once tree clearing has taken place we recommend that trees to be retained to that any pruning of plysie-protected trees be performed to ANISA ADO standards and Beat Management Practices.
Stump removal: We recommend that, if stumps require removal, they are removed under arborist supervision, or ground using a stump grinder to avoid disturbing root systems of trees in close proximity, that are shown on the tree management drawing to be retained.
Windthrow: Where forest edge trees are proposed to be removed, we recommend that trees that may experience an increase in wind exposure, be re-examined, once tree clearing has taken place, to be received the street of the project around the street of the s

supervisor.

Locating work zones and machine access corridors where

quired.

Supervising excavation for any areas within the critical root
nes of trees to be retained including any proposed retaining wal
tings and review any proposed fill areas near trees to be retain.

SKETCH T1

Tree Management Plan West Clayton South Pond Lot 18504 & 18478 80 Avenue Surrey, BC

DATE: June 7, 2024
PREPARED FOR: Jacam Holdings
SCALE: 1:750 @ 22" X 34"
MCSL PROJECT: 2110-00106-00 MUN. PROJECT:



McElhanney

Suite 2300 13450 - 102 Avenue Surrey BC Canada V3T 5X3 Tel 604 596 0391 - Fax 604 584 5050

