

Supplemental Information

TO:	City Clerk, Legislative Services Division				
FROM:	Chief Development Approvals Officer				
DATE:	March 14, 2024	FILE:	7923-0012-00		
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RE: Agenda Item B.6., March 11, 2024 Regular Council – Land Use Meeting Development Application No. 7923-0012-00

Development Application No. 7923-0012-00 proceeded to Council at the March 11, 2024 Regular Council – Land Use Meeting and received First/Second Reading under Item B.6. At the meeting, Council passed a motion (Resolution Nos. R24-439 and R24-442) to schedule the Public Hearing for the associated Rezoning and OCP Amendment Bylaws for April 8, 2024 at 7:00 p.m.

Under the new Provincial legislation, changes enacted through Bill 44 "Housing Statutes (Residential Development) Amendment Act" and Bill 47 "Housing Statutes (Transit-Oriented Areas) Amendment Act", a Public Hearing is prohibited for OCP consistent rezoning bylaws if the proposed development is primarily residential in nature.

Under these bills, projects that comply with the new Housing Statutes legislation can proceed to Council without aligning with the OCP and without a Public Hearing until December, 2025. For those development applications that do not require a Public Hearing, the municipality must give notice, prior to First Reading of the associated bylaws, and the public notice must be published in accordance with Section 94 of the Community Charter.

Given that Development Application No. 7923-0012-00 is for a residential land use and the proposed density is fully compliant with Bill 47, staff have determined that a Public Hearing is not permitted under the new Provincial legislation. As a result, it is not in order for Development Application No. 7923-0012-00 to proceed to the Regular Council – Public Hearing scheduled for April 8, 2024.

In order to correct this error, Council, at the Regular Council – Land Use meeting on April 8, 2024, is requested to:

- 1. File OCP Amendment Bylaw No. 21193 to redesignate the subject site from "Urban to Multiple Residential" (Resolution Nos. R24-437, R24-438 and R24-439);
- 2. File Rezoning Bylaw No. 21194 rezoning the subject site from RF to CD (based on RM-70) (Resolution Nos. R24-440, R24-441 and R24-442);

- 3. Introduce an OCP Amendment Bylaw to:
 - a. amend the OCP Figure 3: General Land Use Designations for the subject site from "Urban" to "Multiple Residential"; and
 - b. amend Table 7a: Land Use Designation Exceptions within the Multiple Residential designation by adding site specific permission for the subject site to permit a density of up to 2.40 FAR (net density calculation)

and Council endorse the Public Notification to proceed for this By-law; as well as

4. Council endorse the Public Notification to proceed for a Bylaw to rezone the subject site from "Single Family Residential Zone (RF)" to "Comprehensive Development Zone (CD)".

The By-laws could then be considered by Council for First, Second, and Third Reading at the April 22, 2024 Regular Council – Public Hearing meeting.

The notice of Public Hearing for Development Application No. 7923-0012-00 should not proceed and a note on the City website should be added under Development Application No. 7923-0012-00 to advise that a Public Hearing for this Application is not in order.

The applicant will be advised accordingly.

Ron Gill Chief Development Approvals Officer



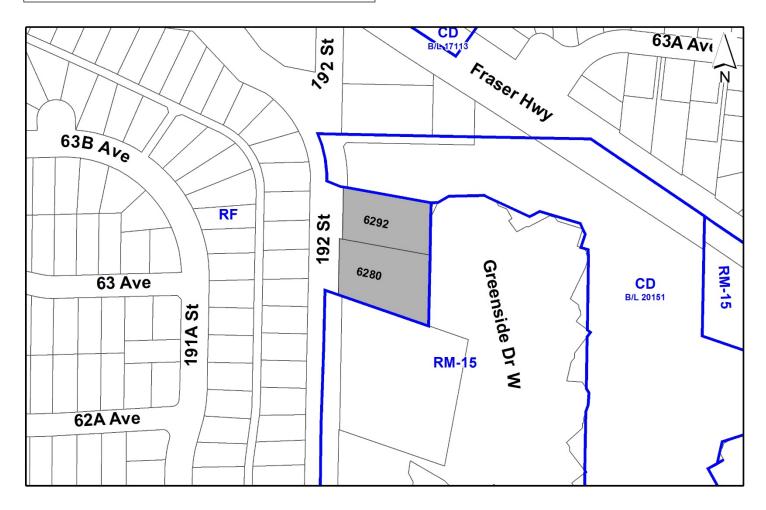
Planning Report Date: March 11, 2024

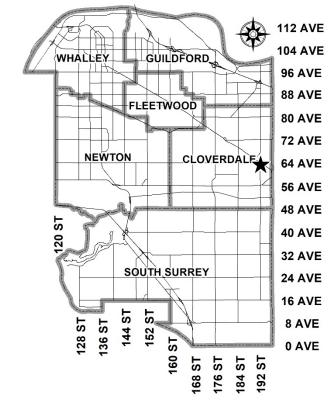
PROPOSAL:

- **OCP Amendment** from Urban to Multiple Residential
- **OCP Text Amendment** to allow a higher density in the Multiple Residential designation
- **Rezoning** from RF to CD (based on RM-70)
- Development Permit

to permit the development of a 6-storey apartment building with approximately 157 dwelling units and underground parking on a consolidated site.

LOCATION:	6280 – 192 Street	
	6292 – 192 Street	
ZONING:	RF	
OCP DESIGNATION:	Urban	





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RECOMMENDATION SUMMARY

- By-law Introduction and set date for Public Hearing for:
 - OCP Amendment;
 - OCP Text Amendment; and
 - Rezoning.
- Approval to draft Development Permit for Form and Character.

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

• Proposed amendment to the Official Community Plan (OCP) from "Urban" to "Multiple Residential" and a text amendment to increase the maximum density permitted in the Multiple Residential designation.

RATIONALE OF RECOMMENDATION

- The proposed amendment to the OCP from "Urban" to "Multiple Residential" and proposed text amendment to the OCP is required to achieve the proposed 6-storey apartment building at a density higher than that currently permitted in the Multiple Residential designation. The OCP Amendment is considered to have merit given the proximity of the subject site to transit service along Fraser Highway (a Frequent Transit Network [FTN]) as well as a future SkyTrain station located at the intersection of 190 Street and Fraser Highway.
- The subject site is located within 150 metres of an existing bus stop and 660 metres of a future SkyTrain station. As such, the proposed density and built form are appropriate for a "Multiple Residential" re-designated site. In addition, the proposal supports the goal of achieving higher density development along transit corridors.
- The proposed apartment building is attractive, well-designed and utilizes high-quality, natural materials as well as contemporary lines. The applicant is proposing reduced building setbacks that benefit the streetscape by providing connectivity to the street. Appropriate landscaping is provided along the street frontage which helps to promote a pedestrian friendly environment and positive urban experience between the proposed building and public realm.

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RECOMMENDATION

The Planning & Development Department recommends that:

- 1. An OCP Amendment Bylaw be introduced to:
 - (a) amend the OCP Figure 3: General Land Use Designations for the subject site from "Urban" to "Multiple Residential"; and
 - (b) amend Table 7a: Land Use Designation Exceptions within the Multiple Residential designation by adding site specific permission for the subject site to permit a density of up to 2.40 FAR (net density calculation)

and a date be set for Public Hearing.

- 2. Council determine the opportunities for consultation with persons, organizations and authorities that are considered to be affected by the proposed amendment to the Official Community Plan, as described in the Report, to be appropriate to meet the requirement of Section 475 of the Local Government Act.
- 3. A By-law be introduced to rezone the subject site from "Single Family Residential Zone (RF)" to "Comprehensive Development Zone (CD)" and a date be set for Public Hearing.
- 4. Council authorize staff to draft Development Permit No. 7923-0012-00 for Form and Character, generally in accordance with the attached drawings (Appendix II).
- 5. Council instruct staff to resolve the following issues prior to final adoption:
 - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
 - (b) submission of a subdivision layout to the satisfaction of the Approving Officer;
 - (c) the applicant is required to dedicate, as road and without compensation, the gazetted road which consists of the westerly 10.058 metres of 192 Street and extends from the north end of 6140 192 Street to Fraser Highway;
 - (d) resolution of all urban design issues to the satisfaction of the Planning and Development Department;
 - (e) submission of a finalized landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
 - (f) submission of a finalized tree survey and a statement regarding tree preservation to the satisfaction of the City Landscape Architect;
 - (g) the applicant satisfy the deficiency in tree replacement on the site, to the satisfaction of the Planning and Development Department;

- (h) submission of a finalized Geotechnical Report to the satisfaction of City staff;
- (i) demolition of existing buildings and structures to the satisfaction of the Planning and Development Department; and
- (j) 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.

Direction	Existing Use	OCP Designation	Existing Zone
Subject Site	Vacant parcel and single family residential dwelling	Urban	RF
North:	Vacant portion of parent parcel currently under application for rezoning and subdivision from one lot into three lots (7924- 0006-00). The application was granted Third Reading by Council on February 26, 2024. Staff are also processing a Detailed DP application for three 5-storey apartment buildings (7922-0047-00). This application is currently pre-Council.	Multiple Residential	CD (Bylaw No. 20151)
East:	Multi-family residential (Greenside Estates)	Urban	RM-15
South:	Multi-family residential	Urban	RM-15
West (Across 192 Street):	Single family residential	Urban	RF

SITE CONTEXT & BACKGROUND

Context & Background

- The subject properties are approximately 0.55 hectare in total area and located on the east side of 192 Street, just south of Fraser Highway.
- The subject site is designated "Urban" in the Official Community Plan (OCP) and zoned "Single Family Residential Zone (RF)". One property is currently vacant while the other is occupied by a single-family residential dwelling.

- The site is highly sloped from northwest to southeast which results in a roughly 12 metre grade difference across the subject properties. In response, the applicant has attempted to address the grade change by stepping the building while providing an appropriate interface with adjacent land-uses.
- Council previously granted Third Reading to Development Application No. 7918-0253-00 on the subject site which involved an OCP Amendment from "Urban" to "Multiple Residential", Rezoning from "Single Family Residential Zone (RF)" to "Multiple Residential 30 Zone (RM-30)", consolidation of two lots into one lot and a Development Permit to allow for a 39-unit stacked townhouse development. The application was subsequently closed with submission of the current application (No. 7923-0012-00) for a 6-storey apartment building with underground parking.

DEVELOPMENT PROPOSAL

Planning Considerations

- In order to permit the development of a 6-storey residential building consisting of 157 dwelling units with underground parking on a consolidated site, the applicant proposes the following:
 - OCP Amendment from "Urban" to "Multiple Residential";
 - OCP Text Amendment to allow a higher density of 2.40 FAR in the Multiple Residential designation for the site;
 - Rezoning from "Single Family Residential Zone (RF)" to "Comprehensive Development Zone (CD)" (based on the "Multiple Residential 70 Zone [RM-70]");
 - Development Permit for Form and Character; and
 - Subdivision/consolidation from two (2) lots into one (1) lot.
- Development details are provided in the following table:

	Proposed
Lot Area	
Gross Site Area:	5,511.41 sq. m.
Road Dedication:	311.24 sq. m.
Undevelopable Area:	N/A
Net Site Area:	5,200.17 sq. m.
Number of Lots:	2 (existing)
	1 (proposed)
Building Height:	23 m.
Unit Density:	N/A
Floor Area Ratio (FAR):	2.22 (Gross)/2.36 (Net)
Floor Area	
Residential:	12,247.1 sq. m.
Commercial:	N/A
Total:	12,247.1 sq. m.
Residential Units:	
1-Bedroom:	11 dwelling units
1-Bedroom plus den:	70 dwelling units

	Proposed
2-Bedroom:	55 dwelling units
2-Bedroom plus den:	6 dwelling units
3-Bedroom:	15 dwelling units
Total:	157 dwelling units

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 24 school-age children generated by this development, of which the School District has provided the following expected student enrollment.
	14 Elementary students at Latimer Road Elementary School 6 Secondary students at Clayton Heights 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 Summer, 2026.
Parks, Recreation & Culture:	No concerns.
Culture:	The closest active park is East View Park with amenities that include walking paths and a playground. It is located roughly 1,000 metre walking distance from the subject site. The closest park with natural area is 69M – Greenbelt which is 750 metres walking distance from the proposed development.
Building Division:	No concerns.
Surrey Fire Department:	Surrey Fire Service (SFS) comments are pending. The applicant will be required to address any SFS requirements prior to final approval.

Transportation Considerations

Road Network and Infrastructure

• The applicant will be required to provide the following road frontage improvements to support the subject proposal:

- Dedication of 192 Street to the City's arterial road standard; and
- Construction of a new sidewalk along the east side of 192 Street.

Traffic Impacts

• The subject proposal is anticipated to generate approximately one vehicle trip per minute in the peak hour, based on industry standard rates. The proposal is below the City's threshold for requiring a site-specific transportation impact analysis.

Access and Parking

- The subject site is proposed to be accessed via 192 Street.
- The applicant is proposing to provide a total of 251 parking spaces on site, meeting the Zoning Bylaw requirements.

<u>Transit</u>

- The subject site is located within close proximity to a Frequent Transit Network (FTN) along Fraser Highway, roughly 150 metres from an existing bus stop (#502 Surrey Central Station to Langley Centre and #503 Surrey Central Station to Langley Centre/Aldergrove) as well as approximately 660 metres from a future SkyTrain Station (192 Street Station).
- The proposed development is appropriate for this part of Fraser Highway and conforms with the goal of achieving higher density development in locations that benefit from direct access to frequent transit service.

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 subject property is designated "General Urban" in the Regional Growth Strategy (RGS).
- The proposed development complies with the General Urban RGS designation.

Official Community Plan

Land Use Designation

• The subject site is designated "Urban" in the Official Community Plan (OCP).

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- In accordance with the OCP, the "Urban" Designation will support a maximum unit density of 72 units per hectare (30 units per acre) for sites located within a Frequent Transit Development Area (FTDA), or that abut a Frequent Transit Network, or located within an Urban Centre and or where specifically noted in an approved Secondary Plan Area.
- The proposed 6-storey apartment form and density cannot be accommodated under the Urban designation and, as such, an OCP Amendment from Urban to Multiple Residential is required to accommodate the proposal.

Amendment Rationale

- In the OCP, the "Multiple Residential" designation allows a maximum density of 1.5 FAR. For sites located within a Frequent Transit Development Area (FTDA) or Urban Centre, that abut a FTN or where specifically permitted in a Secondary Land-Use Plan, a maximum density of 2.5 FAR is permitted.
- Given that the subject site does not meet the criteria that would allow a maximum density of 2.5 FAR, the applicant is proposing a Text Amendment to the OCP to increase the maximum permitted density under the Multiple Residential designation from 1.5 FAR to 2.40 FAR.
- The subject site is located within close proximity to a Frequent Transit Network (FTN) along Fraser Highway as well as within walking distance of existing transit service and future rapid transit (190 Street SkyTrain Station).
- As such, a higher density multiple residential development on the subject site is supportable given that it promotes walkability, allows for greater housing choice and complies with OCP principles that encourage higher-density developments in areas served by FTNs.

Public Consultation for Proposed OCP Amendment

• Pursuant to Section 475 of the <u>Local Government Act</u>, it was determined that it was not necessary to consult with any persons, organizations or authorities with respect to the proposed OCP amendment, other than those contacted as part of the pre-notification process.

Themes/Policies

- The proposal will support various policies, outlined in the OCP, including the following:
 - The proposal supports transit-oriented development which includes focusing growth and increased density along frequent transit corridors which supports transit service expansion and rapid transit infrastructure investment;
 - The proposal supports directing higher density residential land-uses to locations within walking distance of neighbourhood centres, along main roads, near transit routes and adjacent to major parks or civic amenities;
 - The proposal supports the development of a low to mid-rise apartment building with a variety of unit types to support a diversity of household sizes and composition located within walking distance of existing commercial services and transit routes; and

• The proposed apartment building fronts onto 192 Street, a local road, with urban design features (e.g. outdoor balconies, ground-floor patio space, etc.) that promote a safe, welcoming public streetscape and urban public realm.

Bill 47 - Transit Oriented Development Areas

- On November 30, 2023, the Provincial Government approved "Bill 47: Housing Statutes (Transit-Oriented Areas) Amendment Act". The intent of the legislation is to locate high-density, mixed-use development within walking distance of frequent transit service. This includes prescribing minimum building heights and densities that must be considered in reviewing proposals for increased density within Transit-Oriented Development Areas and the removal of restrictive parking minimums for off-street residential parking.
- As part of Bill 47, effective immediately, all properties located within an 800 metre radius of the future 190 Street SkyTrain Station are designated a Transit-Oriented Development Area (TODA). The minimum building height and density that must be considered by Council is based upon the proximity of each subject site to the future SkyTrain Station (i.e. within 200 metres, 200 400 metres and 400 800 metres of the 190 Street Station).
- For the subject site located at 6280/6292 192 Street, it is located within 400 800 metres of the future 190 Street SkyTrain Station and, per the TODA requirements, would be eligible for a maximum density of 3.0 FAR (Net) and 8-storey building height. The current proposal is for a 6-storey apartment building with a net FAR of 2.40, on the subject site.
- The applicant is aware that, under Bill 47, a higher density and building height could potentially be achievable on the subject site but has elected to move forward with the current proposal for a 6-storey wood-frame apartment building which provides an appropriate inter-face with existing land-uses.

Proposed CD By-law

- The applicant proposes to rezone the subject site from "Single Family Residential Zone (RF)" to "Comprehensive Development Zone (CD)" (based upon the "Multiple Residential 70 Zone [RM-70]") in order to accommodate the proposed 6-storey apartment building. The proposed CD Bylaw for the subject site identifies the uses, densities and setbacks proposed.
- A comparison of the density, lot coverage, setbacks, building height and permitted uses in the RM-70 Zone and the proposed CD Bylaw is illustrated in the following table:

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Zoning	RM-70 Zone (Part 24)	Proposed CD Zone
Unit Density:	N/A	N/A
Floor Area Ratio:	2.0	2.2 (Gross)/2.40 (Net)
Lot Coverage:	33%	54%
Yards and Setbacks		
North Yard	7.5 m.	6.0 m.
East Yard	7.5 m.	11.0 m.
South Yard	7.5 m.	7.5 m.
West Yard	7.5 m.	4.5 m.
Principal Building Height:	50 m.	23 m.
Permitted Uses:	Multiple unit residential	Multiple unit residential
	buildings, ground-oriented	buildings, ground-oriented
	multiple unit residential	multiple unit residential
	buildings and child	buildings and child
	care centres	care centres
Amenity Space		
Indoor Amenity:	471 sq. m.	The proposed 515 m ² exceeds
		the Zoning By-law requirement.
Outdoor Amenity:	471 sq. m.	
		The proposed 474 m ² exceeds
		the Zoning By-law requirement.
Parking (Part 5)	Required	Proposed
Number of Stalls		
Residential:	220 parking spaces	220 parking spaces
Residential Visitor:	31 parking spaces	31 parking spaces
Total:	251 parking spaces	251 parking spaces
Bicycle Spaces		
Residential Secure Parking:	185 bicycle spaces	190 bicycle spaces
Residential Visitor:	6 bicycle spaces	6 bicycle spaces

- The proposed CD Bylaw is based upon the RM-70 Zone with modifications to the maximum permitted density, lot coverage, minimum building setbacks, maximum building height and location of the underground parkade relative to the lot lines.
- As the subject site is located in close proximity to a FTN, the proposed increase in density to 2.40 FAR (Net) in the CD Bylaw is supported by staff.
- The maximum lot coverage has been increased from 33% permitted under the RM-70 Zone to a maximum of 54% in the CD Bylaw to accommodate the proposed built form. The proposed lot coverage is typical for 6-storey apartment buildings on a site of this size.
- The reduced setbacks proposed on the subject site will allow for better connectivity to the street while providing a more pedestrian-friendly urban streetscape.

On-Site Parking and Bicycle Storage

- The proposed development includes a total of 251 parking stalls consisting of 220 resident parking spaces and 31 parking spaces for visitors. In addition, the applicant will provide 6 accessible parking stalls. All parking spaces are provided within an enclosed underground parkade that will be accessed from 192 Street.
- The Zoning Bylaw requires that no parking facilities be constructed within 2.0 metres of the front lot line or a lot line along a flanking street. The proposed underground parkade will be located within 0.5 metre of the street frontage. As a result, the proposed CD Zone will permit the underground parking facility to extend to 0.5 metre from all lot lines.
- The development will provide a total of 190 secure bicycle parking spaces in the underground parkade. This will meet the minimum bicycle parking spaces required under the Zoning Bylaw. In addition, the applicant will provide 6 at-grade bicycle parking stalls, which complies with the Zoning By-law requirement.

Capital Projects Community Amenity Contributions (CACs)

- On December 16, 2019, Council approved the City's Community Amenity Contribution and Density Bonus Program Update (Corporate Report No. R224; 2019). The intent of that report was to introduce a new City-wide Community Amenity Contribution (CAC) and updated Density Bonus Policy to offset the impacts of growth from development and to provide additional funding for community capital projects identified in the City's Annual Five-Year Capital Financial Plan. A fee update has been approved in April 2023, under Corporate Report No.R037;2023.
- The proposed development will be subject to the Tier 1 Capital Plan Project CACs and will be required to provide a financial contribution of \$4,272 per dwelling unit. The contributions are payable at the rate applicable at the time of Building Permit issuance.
- As noted above, the subject site is located within a Transit Oriented Development Area. Under Bill 47, the applicant could achieve a minimum density of 3.0 FAR (net) and 8-storey building height given the site is located within 400 800 metres of the 190 Street SkyTrain Station. As a result, there is no Tier 2 Community Specific Capital Project CAC required to address the OCP Amendment from "Urban" to "Multiple Residential" or the OCP Text Amendment to permit an increase in density under the Multiple Residential designation.

Affordable Housing Strategy

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

Public Art Policy

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

PUBLIC ENGAGEMENT

- Pre-notification letters were sent on February 15, 2024, and the Development Proposal Signs were installed on February 17, 2024. Staff received two (2) responses from neighbouring (*staff comments in italics*):
 - Two (2) residents expressed concern about potential traffic congestion and vehicle safety, specifically at the intersection of 64 Avenue and 192 Street. One (1) resident requested that a traffic light be provided to manage vehicle traffic at this particular intersection.

(This intersection was evaluated as part of the transportation impact analysis for an adjacent development proposal [Development Application No. 7915-0393-00]. Operations at this intersection are impacted by the traffic queues at the signalized intersection of Fraser Highway and 64 Avenue, and due to the proximity of the intersections, opportunities are limited at this time to signal timing improvements. Staff will continue to monitor and evaluate for any opportunities for improvements as traffic patterns evolve.)

One resident expressed concern about the overall building height and density of the current proposal. The resident was concerned the proposed height would negatively impact the personal privacy of adjacent homeowners and indicated a preference for a lower-density townhouse development, similar to the property directly to the south at 6238 – 192 Street, that better reflects the character of the surrounding neighbourhood.

(The subject property is located within close proximity to a Frequent Transit Network along Fraser Highway and directly adjacent to a multi-phase redevelopment consisting of ground-oriented townhouses [Development Application No. 7915-0393-00] and seven [7] 5- to 6-storey apartment buildings [Development Application Nos. 7921-0005-00 and 7922-0047-00]. City staff have worked with the applicant to provide a sensitive interface with adjacent land-uses which includes increased setbacks along the east lot line as well as a reduced building height of 5-storeys along 192 Street which provides greater privacy and an appropriate transition to existing 2- and 3-storey dwelling units to the south and west.)

DEVELOPMENT PERMITS

Hazard Lands (Steep Slope) Development Permit Requirement

• The overall elevation differential across the site is roughly 12 metres, from the northwest corner to the southeast corner. Although the site contains a slope, the gradient is less than 20%. As such, a Development Permit for Hazard Lands (Steep Slopes) is not required.

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- In support of the proposed layout, the applicant submitted a geotechnical report, prepared by Harmon Dhillon, *P. Eng.*, of Braun Geotechnical Ltd. and dated August 25, 2021. The applicant is undertaking a peer review of the geotechnical report and will incorporate any changes that are identified in the peer review into the finalized geotechnical report.
- The geotechnical report investigated issues related to slope stability and natural storm water drainage, from a geotechnical perspective, to determine the feasibility of development on the site and proposed recommendations to ensure the ongoing stability of the slope.
- The geotechnical consultant has determined that the development is feasible provided that the recommendations in their report are incorporated into the overall design of the subject site.

Form and Character Development Permit Requirement

- The proposed development is subject to a Development Permit for Form and Character.
- The proposal generally complies with the Form and Character Development Permit guidelines in the OCP. The applicant also worked closely with staff to ensure the proposed landscaping as well as building setbacks and overall massing provide a suitable interface while encouraging an attractive streetscape that reflects an urban public realm.

Building Design

- The applicant is proposing to construct a 6-storey apartment building consisting of 157 dwelling units with underground parking on a consolidated site.
- The unit mix is comprised of 10 one-bedroom, 71 one-bedroom plus den, 55 two-bedroom, 6 two-bedroom plus den and 15 three-bedroom dwelling units.
- The dwelling units range in size from 44 square metres for a one-bedroom to 121 square metres for the largest three-bedroom apartment.
- The applicant will provide ten percent (10%) of the dwelling units on-site as Adaptable dwelling units (16 dwelling units in total).
- The design of the building is contemporary with a flat roof. The building is comprised of a 4to 5-storey stepped façade, along 192 Street, with a two-storey townhouse expression as well as individual entries at-grade facing the street. The uppermost storey, at the rear of the site, is stepped back to mitigate the perceived building height and massing as well as allow some additional privacy for adjacent land-uses.
- The western elevation, fronting 192 Street, incorporates a variety of façade materials including brick inlaid faces that extend to the uppermost storeys at the northwest and southwest corner which provide visual interest and anchors the building to the street. The building materials are supplemented by dark grey vinyl aluminum windows, aluminum railings, painted fiber cement panels, architectural concrete, glass and metal canopies as well as vinyl soffits.

- The building orientation ensures the units will provide strong observation of the public realm with active rooms facing toward the street which helps to address Crime Prevention Through Environmental Design (CPTED) concerns.
- The proposed building achieves an attractive architectural form, using a contemporary character with high-quality materials. The street interface has been designed to a high standard in order to achieve a positive urban experience between the proposed building and the public realm.
- All ground-floor units are elevated above the sidewalk and have front door access with usable private/semi-private outdoor space.

<u>Signage</u>

• The applicant is proposing an identification sign that provides the building address located along the 192 Street frontage, near the principal lobby entrance. All the proposed signage on-site will be comprised of individual channel letters and comply with the Surrey Sign Bylaw.

Indoor Amenity Space

- The proposed indoor amenity space is located at the northwest corner of the proposed 6-storey building and provides direct access to the common outdoor amenity space located within the central courtyard.
- The indoor amenity space will include a gym, theatre/TV room, meeting room and multipurpose space.
- The proposed indoor amenity space is approximately 515 square metres in total area which exceeds the indoor amenity space requirement under the Zoning Bylaw based upon a total of 3 square metres per dwelling unit.

Outdoor Amenity Space and Proposed Landscaping

- The outdoor amenity space is located within the central courtyard and consists of an outdoor kitchen, table and chairs, lounge seating with trellis, children's playground and a community garden.
- The proposed outdoor amenity space is roughly 474 square metres which meets the minimum outdoor amenity space requirement, per the Zoning Bylaw, based on a total of 3 square metres per dwelling unit.
- The applicant has worked with staff to develop a layout that responds to grade changes on-site and addresses interface concerns by providing increased setbacks along the southern boundary as well as two-storey townhomes with tiered landscaping along the east lot line which reduces the overall visual impact of the proposed development on adjacent land-uses.
- In addition, the applicant is proposing to retain several off-site trees along the perimeter of the subject site to supplement the proposed on-site landscaping, soften the edges, minimize the building massing and provide greater privacy for adjacent land-uses.

- Each individual ground-oriented unit will have a small private patio or front yard enclosed by a 1.0 metre high glass and aluminum railing fence with a privacy gate and layered planting that consists of a by-law sized tree, small shrubs and low-lying groundcover.
- The dwelling units fronting onto 192 Street will have semi-private patio space and direct access to the adjacent sidewalk through a separate entryway.
- Each apartment unit that faces onto the street frontage will provide an "eyes-on-the street" function with active rooms facing toward the public realm.
- Exterior lighting is designed to reduce light pollution as well as provide adequate lighting to ensure community safety, in keeping with CPTED principles.

Outstanding Items

- At the Regular Council Public Hearing Meeting on December 18, 2023, Council endorsed the recommendations in Corporate Report No. R214;2023 ("Proposed Changes to Advisory Design Panel Procedures for Development Applications") which allows all multi-family developments that are 6-storeys or less to proceed to Council for bylaw introduction, provided the proposal is generally supported by City staff. For these projects, no review and/or comment is required by the Advisory Design Panel (ADP). The subject proposal is generally supported by Urban Design staff and, therefore, can be exempted from the ADP review process.
- There are a limited number of Urban Design items that remain outstanding, and which do not affect the overall character or quality of the project. These generally include:
 - o refinement to the elevations to harmonize the architectural features and finishes;
 - design development at site and public realm interfaces to manage grade transitions and
 - o clarification of proposed material finishes.
- 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

• D. Glyn Romaine, ISA Certified Arborist of VDZ + A Landscape Architects prepared an Arborist Assessment for the subject property. The table below provides a summary of the proposed tree retention and removal by tree species:

Tree Species	Exi	isting	Rem	ove	Retain
Deciduous Trees					
Apple 1 1 o					
Camperdown Elm		1	1		0
Eastern Dogwood		1	1		0
Japanese Maple		1	1		0
Saucer Magnolia		1	1		0
	Conifer	ous Trees			
Deodar Cedar		2	2		0
Douglas Fir		18	18		0
Norway Spruce		1	1		0
Scotts Pine		1	1		0
Shore Pine		2	2		0
Western Red Cedar		5	5		0
Zebra Cedar	1		1		0
Total		35	35	5	0
Total Replacement Trees Proposed (excluding Boulevard Street Trees)		46			
Total Retained and Replacement T Proposed	ment Trees 46				
Estimated Contribution to the Green City Program		\$13,200			

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

- The applicant further proposes to supplement the off-site tree retention with additional onsite landscaping to provide enhanced screening for adjacent land-uses.
- The Arborist Assessment states that there are a total of thirty-five (35) mature trees on the site. No on-site trees are proposed for retention, as part of this development application. The potential for on-site tree retention was assessed taking into consideration the location of services, building footprints, road dedication and proposed lot grading.
- For those trees that cannot be retained, the applicant will be required to plant trees on a 2 to 1 replacement ratio. This will require a total of seventy (70) replacement trees on the site. Since the applicant is proposing a total of forty-six (46) replacement trees on-site, the deficit of twenty-four (24) replacement trees will require an estimated cash-in-lieu payment of \$13,200, representing \$550 per tree, to the Green City Program, in accordance with the City's Tree Protection By-law.

- In addition to the replacement trees, boulevard street trees will be planted on 192 Street. This will be determined by the Engineering Department during the servicing design review process.
- The new trees on the site will consist of a variety of trees including Seiryu Japanese Maple, Armstrong Gold Maple, Red Kousa Dogwood, Kobus Magnolia, Persian Ironwood, Arnold Sentinel Austrian Black Pine, Scarlet Oak, Japanese Stewartia and Snow Charm Japanese Snowbell.
- In summary, a total of forty-six (46) trees are proposed to be retained or replaced on the site with an estimated contribution of \$13,200 to the Green City Program.
- The proposed tree retention and replacement strategy will be refined as the applicant works through the detailed design process.

INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

- Appendix I. Site Plan, Building Elevations, Landscape Plans and Perspective
- Appendix II. Engineering Summary
- Appendix III. School District Comments
- Appendix IV. Summary of Tree Survey, Tree Preservation and Tree Plans
- Appendix V. OCP Redesignation Map

approved by Ron Gill

Don Luymes General Manager Planning and Development

MJ/ar

Appendix I



PROJECT STATISTICS

CIVIC ADDRESS:

6280, 192ND STREET, SURREY, BC. 6292, 192ND STREET, SURREY, BC.

LEGAL DESCRIPTION :

PARCEL "ONE" (EXPLANATORY PLAN 16739) LOT "B" & "C" SECTION 10 TOWNSHIP 8 **NWD PLAN 13184**

LOT AREA :

BEFORE DEDICATION :	5511.41 SQ.M (59,324.28 SQ.FT)=1.36 ACRE
ROAD DEDICATION:	3350.13 SQ.FT
AFTER DEDICATION :	5200.17 SQ M (55,974.15 SQ FT)=1.28 ACRE

EAST (NEIGHBOUR) SOUTH (NEIGHBOUR

WEST (192 STREET)

NORTH (NEIGHBOUR

6.0 M MIN.

6.0 M MIN.

ZONING :

EXISTING : RF PROPOSED : CD - (BASED ON RM-70)

FLOOR AREA :

L1/P1 FLOOR AREA :	9,755 SQ. FT.
2ND FLOOR AREA :	26,292-5,549 =20,743 SQ. FT.
	(EXCLUDED INDOOR AMENITY)
3RD FLOOR AREA :	26,128 SQ. FT.
4TH FLOOR AREA :	25,698 SQ. FT.
5TH FLOOR AREA :	25,609 SQ. FT.
6TH FLOOR AREA :	23,898 SQ. FT.

TOTAL FLOOR AREA: 131,831 SQ FT /12,247 1 SQ M

NUMBER OF UNITS:

ALLOWED : 2.5 PROVIDED : BEFORE DEDICATION : 131,831 / 59,324 = 2.222 FAR AFTER DEDICATION : 131,831 / 55,974 = 2.355 FAR

157

LOT COVERAGE :

BEFORE DEDICATION :	29,378 / 59,324 = 0.495
AFTER DEDICATION :	29,378/55,974 = 0.525

BUILDING HEIGHT:

ALLOWED : MAX. 50M. (164') PROPOSED: 22.8M. (74.8') :6 STOREYS

		.3/UNIT FOR STUDIO .5/UNIT FOR 2 BED A T	ND MORE (76*1.5	= 105.3) = 114.0) STALLS	
	(0.2/UNIT FOR VISITOR	RS (157*0.	2 = 31.4)	
PRO		RESIDENTIAL : 220 /ISITORS : 31	STALLS (21 SMA STALLS (5 SMA		This o F. Ad fis py for the used Contr dimen
E.V. (CHARGING STAT		STALLS	(5 S.C.)	of an These the p into a any k whom conct
SMAI		PERMITTED: 35% X 2 PROPOSED: 26 STAI			
REQ		% OF TOTAL STALLS			
	VIDED :		5 + 1(VISITOR) STAL	15	8
REQ	ACCESSIBLE S UIRED: 1, VIDED:	<u>STALLS :</u> /2 OF TOTAL ACCESS 2 + 1 (OF 6 ACC		= 3.0	3 5 4 3 2 1
BIKE RESI	DENTIAL :		VISITORS :		
	JIRED: (1.2 / UNI ⁻ /IDED:	T) 157*1.2 = 188.4 190	REQUIRED : (PROVIDED :)		6 1! S
		SETBACKS			
	L1/P1 FLOOR	L2-L3 FLOOR	L4-L5 FLOOR	L6 FLOOR	1 L
	PROVIDED	PROVIDED	PROVIDED	PROVIDED	
DUR)	9.0 M	7.8 M	7.8 M	11.0 M	
BOUR)	7.5 M MIN.	7.5 M MIN.	7.5 M MIN.	7.5 M MIN.	4
EET)	4.5 M	4.5 M	4.5 M	4.5 M	

6.0 M MIN.

6.0 M MIN.



DATE:	Sept-22	SHEET NO;
SCALE:	NTS	
DESIGN;	AA	
DRAWN:	AA	- A-1.1

PROJECT STATISTICS

AMENITY (INDOOR) :

- REQUIRED : 3 SQ.M./UNIT X 157 UNIT = 471 SQ.M (5,070 SQ.FT)
- PROVIDED : 515 SQ.M. (5,549 SQ.FT.)

AMENITY (OUTDOOR) :

- REQUIRED : 3 SQ.M./UNIT X 157 UNIT = 471 SQ.M. (5,070 SQ.FT.)
- PROVIDED : 474 SQ.M. (5,104 SQ.FT.)

STORAGE LOCKERS :

- REQUIRED: 1 PER UNIT X157 UNIT
- PROVIDED : 157 LOCKERS

						UN	IT MIX					
UNIT TYPE	NO. OF BED RM.	AREA (SQ.M.)	AREA (SQ.FT.)	L1/P1 FLOOR	2ND FLOOR	3RD FLOO	OR 4TH FLOOR	5TH FLOOR	6TH FLOOR	TOTAL NO. OF UNITS	TOAL AREA (SQ.M.)	TOAL ARE (SQ.FT.)
А	1	60.2	648			1	1	1	1	4	240.8	2592
Aa	1	48.4	521		1					1	48.4	521
A1	1	44.8	482		2	2				4	179.1	1928
A2	1+ DEN	53.0	570		5	6	6	6	6	29	1535.6	16530
A3	1+ DEN	54.9	591		2	2	2	2	2	10	549.0	5910
A4	1+ DEN	59.6	642		1	4	4	4	4	17	1013.9	10914
A5	1+ DEN	58.5	630			1	1	1	1	4	234.1	2520
A6	1+ DEN	64.2	691	8						8	513.6	5528
A7	1+ DEN	57.1	615	1						1	57.1	615
A8	1+ DEN	60.8	654		1					1	60.8	654
A9	1	47.0	506				1	1		2	94.0	1012
Ba	2	64.7	696	1						1	64.7	696
Bb	2	78.2	842	1		l				1	78.2	842
Bc	2	74.3	800	1		1				1	74.3	800
B1	2	71.7	772		1	1	1	1	1	5	358.6	3860
B2	2	69.6	749		1	1	1	1	1	5	347.9	3745
B3	2	83.4	898		1	1				2	166.8	1796
B3a	2	81.5	877				1	1	1	3	244.4	2631
B4	2+ DEN	102.7	1106		1	1	1	1	1	5	513.7	5530
B5	2	81.8	880		1		-	-		1	81.8	880
B6	2	65.9	709		1	1	1	1		4	263.5	2836
B7	2	70.0	753		2	2	1	1		6	419.7	4518
B8	2	78.6	846		2	~ ~	1	1		2	157.2	1692
B9	2	78.0	767				1	-			142.5	
B9a	2 2+ DEN	74.4				1		1		2		1534
			801			<u> </u>			4	1	74.4	801
B9b	2	63.4	682						1	1	63.4	682
B10*	2	84.0	904				1	1	1	3	251.9	2712
B10a*	2	84.9	914			1				1	84.9	914
B11	2	93.7	1009			1	1	1	1	4	374.9	4036
B12*	2	86.0	926			2	2	2	2	8	688.2	7408
B13*	2	89.5	963			1	1	1	1	4	357.9	3852
B14	2	75.8	816						1	1	75.8	816
С	3	103.9	1118		1	1	1	1	1	5	519.3	5590
C1	3	93.6	1007		1	1				2	187.1	2014
C2	3	83.2	896		1	1	1	1	1	5	416.2	4480
C3	3	93.0	1001				1	1		2	186.0	2002
C4	3	121.0	1303						1	1	121.0	1303
TOTAL AREA				12	23	32	31	31	28	157	10840.87	116694
NOTE:							ULLY ACCESSI	BLE UNITS.	10.2% OF 15	7 UNITS		
		TOTA	IC 12 3-BED	KUUM U	NITS. 9.6% (UF 157 UI	VITS					
UNIT	ТҮРЕ		L1/P1	2ND FLC	OR 3RD	FLOOR	4TH FLOOR	5TH FLOO	R 6TH FLC	OR NUMBER OI		% OF UNIT
1 BED	ROOM		0	2		3	2	2	1	10		6.37%
1 BEDRI	M + DEN		9	10		13	13	13	13	71		45.22%
2 BED	ROOM		3	7		11	12	12	10	55		35.03%
2 BEDRI	M + DEN		0	1		2	1	1	1	6		3.82%
						3						9.55%

23

32

31

31

28

157

12

TOTAL NUMBER OF UNITS



F. ADAB ARCHITECTS INC.

#130-1000 ROOSEVELT CRESCENT NORTH VANCOUVER, 8C V7P 3R4 TEL: (604) 987-3003 FAX: (604) 987-3033 E-MAL: mfa@mubligenfadab.com

This drawing, an instrument of service, is the property of F. Adab, Architect Inc. and may not be reproduced without his permission. All information shown on the drawing is for the use of this specific project only and will not be used otherwise without written permission from this office.

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These design documents are prepared solely for the use t the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party wi whom the design professional has not entered into a constract.

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		2024-01-15
8	10-01-2024	REVISED PER URBAN DESIGN COMMENTS
7	17-10-2023	REISSUED FOR DRG
6	29-05-2023	RESSUED FOR DRG
5	23-09-2022	REVISED TO COMPLY WITH WOODFRAME ALLOWED HEIG
4	01-08-2022	REVISED HEIGHT FOR BUILD & FD REVIEW
3	26-05-2022	SSUED FOR BUILDING & FD REVIEW
2	23-12-2021	REVISED FOR PLANNING REV
1	21-07-2021	RE-ISSUED FOR PLANNIG REV
NO,	DATE	REVISION / ISSUED
A		

 DEVELOPMENT

 6280 & 6292

 192ND ST.

 SURREY, BC.

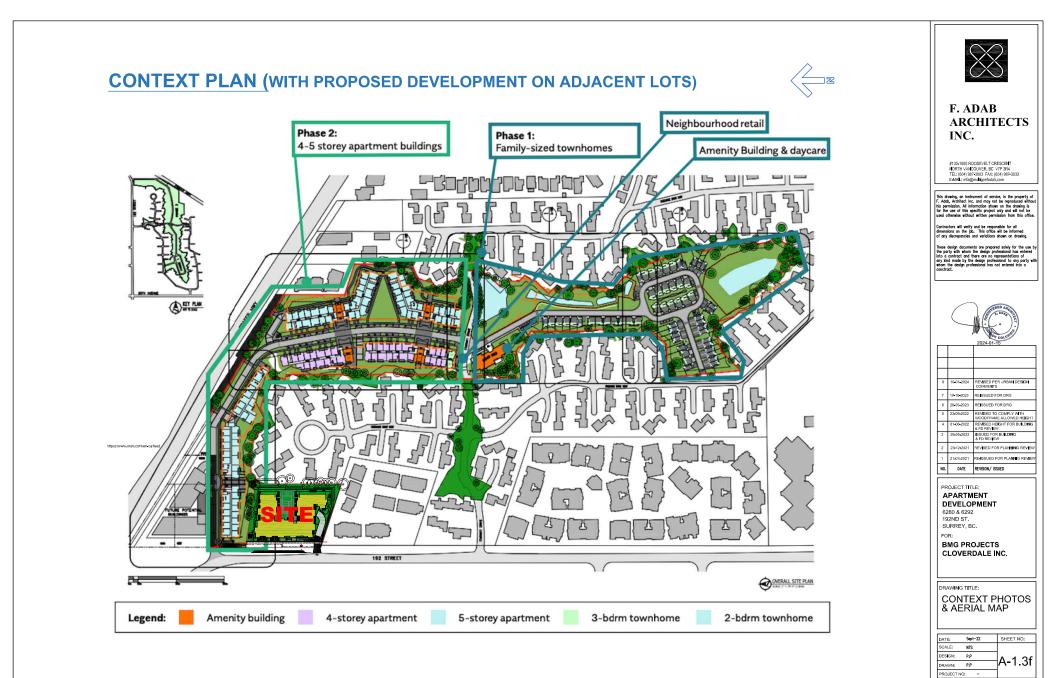
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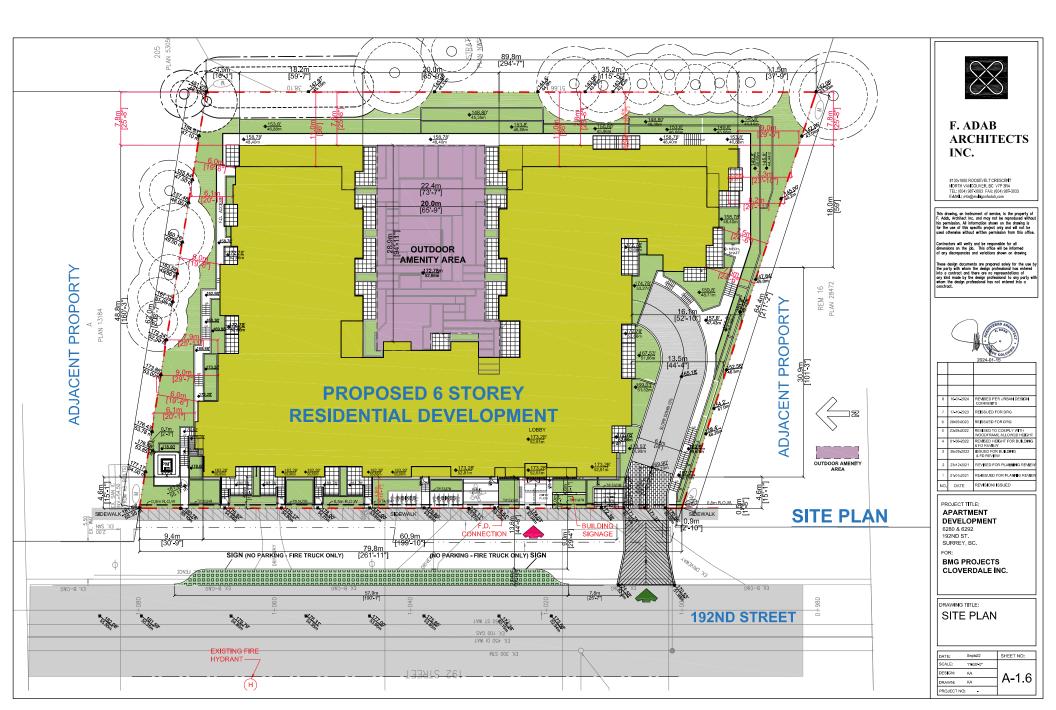
 BMG PROJECTS

CLOVERDALE INC.	

100.00%

DRAWING TITLE: STATISTICS - UNIT MIX					
DATE:	Sept-22	SHEET NO;			
SCALE;	NTS				
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REISSUED FOR DRG

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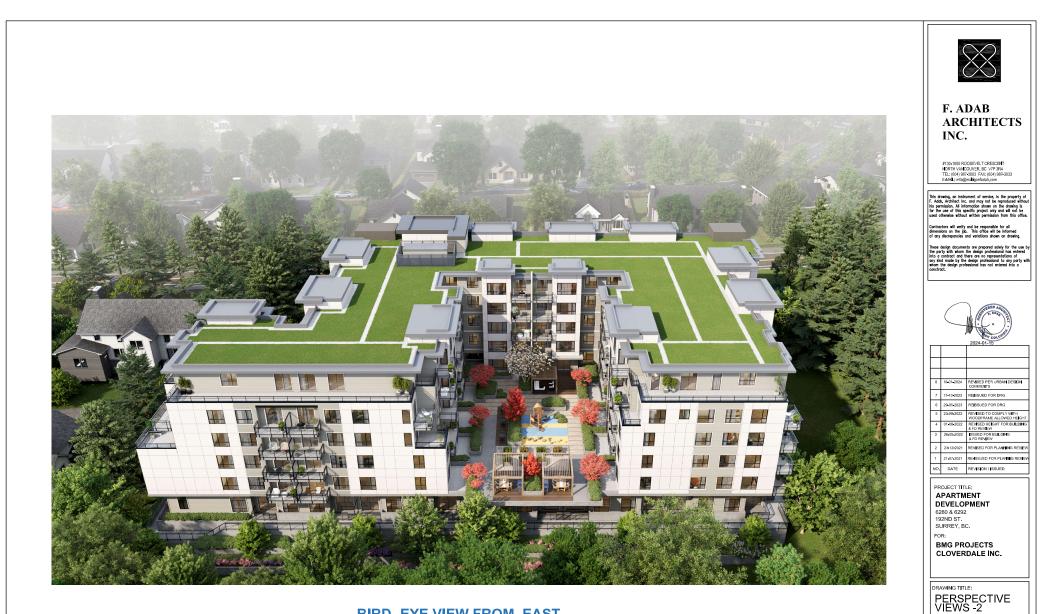
Sept-22

DATE: Sept-22 SCALE: NTS DESIGN: AA

DRAWN: AA PROJECT NO: SHEET NO;

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VIEW FROM SOUTH-WEST CORNER



Sept-22

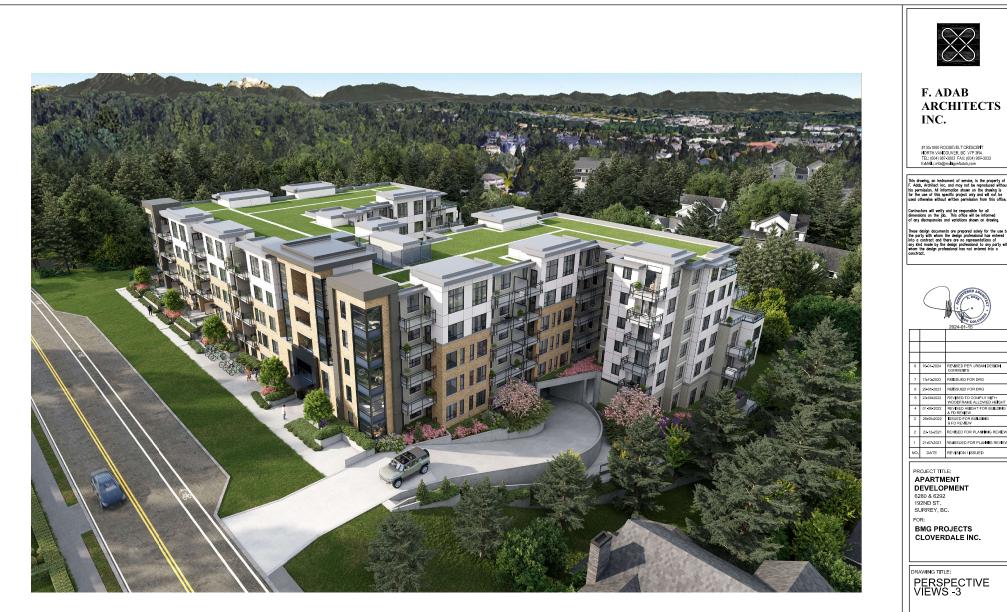
DATE: Sept-22 SCALE: NTS DESIGN: AA

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SHEET NO;

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BIRD-EYE VIEW FROM EAST



SHEET NO;

A-1.9

DATE:

DRAWN: AA PROJECT NO;

Sept-22 SCALE: NTS DESIGN: AA

BIRD- EYE VIEW FROM SOUTH-WEST



Sept-22

DATE: Sept-22 SCALE: NTS DESIGN: AA

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SHEET NO;

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VIEW FROM NORTH-WEST CORNER





Material and Colour

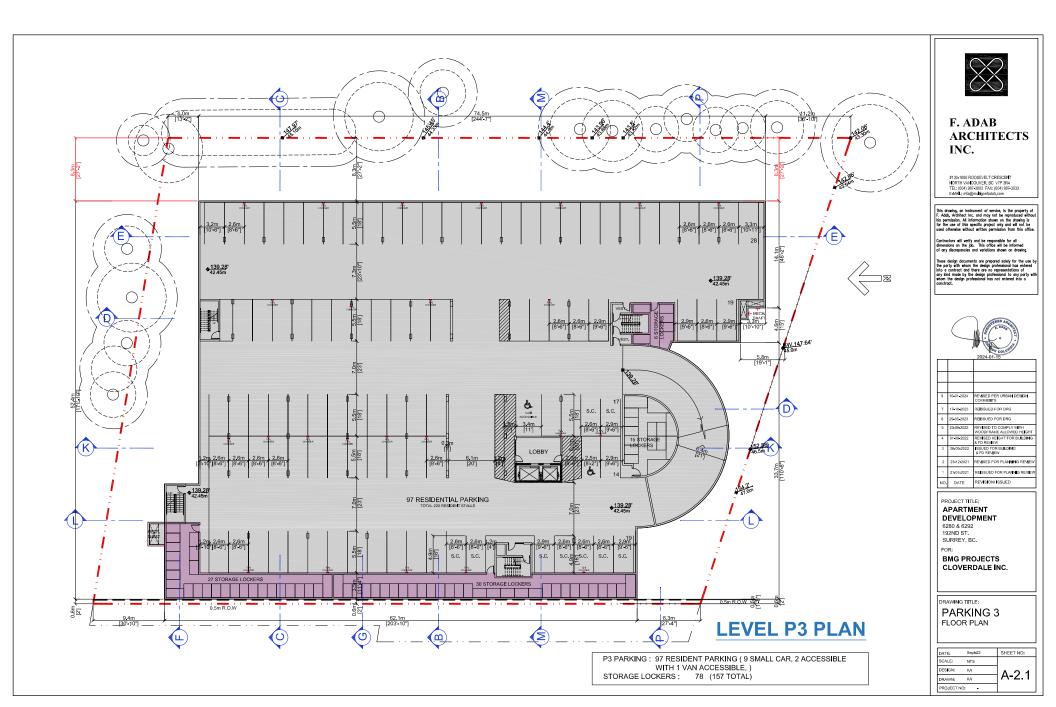
The selection of exterior finishes incorporates enhanced durability / longevity of construction materials and envisions a sustainable approach.

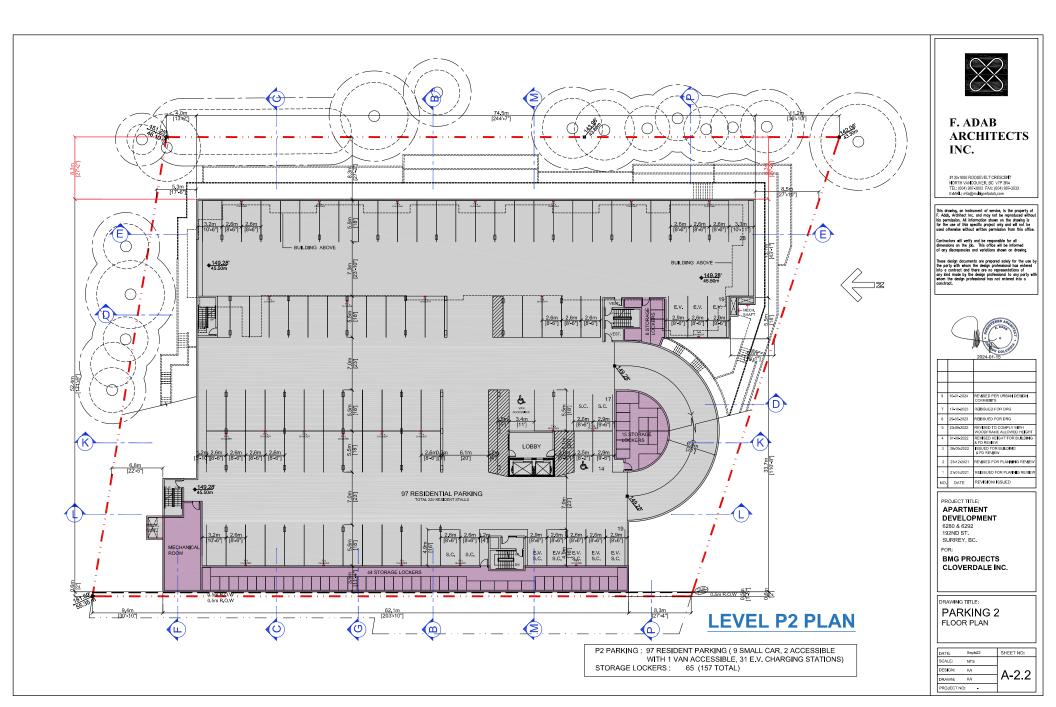
A variety of building material is used with emphasis on light sandy brick on the main facades, light and dark grey hardy panels and hardy siding. Colours and materials have been organized in manner to create harmony and connectivity throughout the building

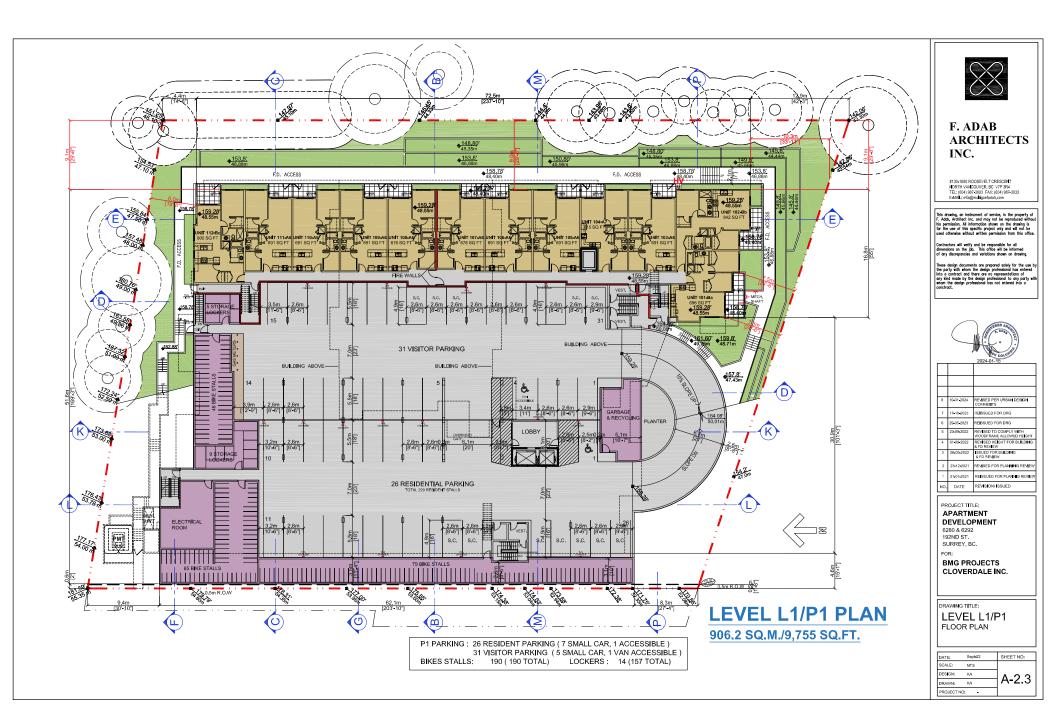
Widows and railings are black colour and spandrel at corner windows are the same colour as window frames.

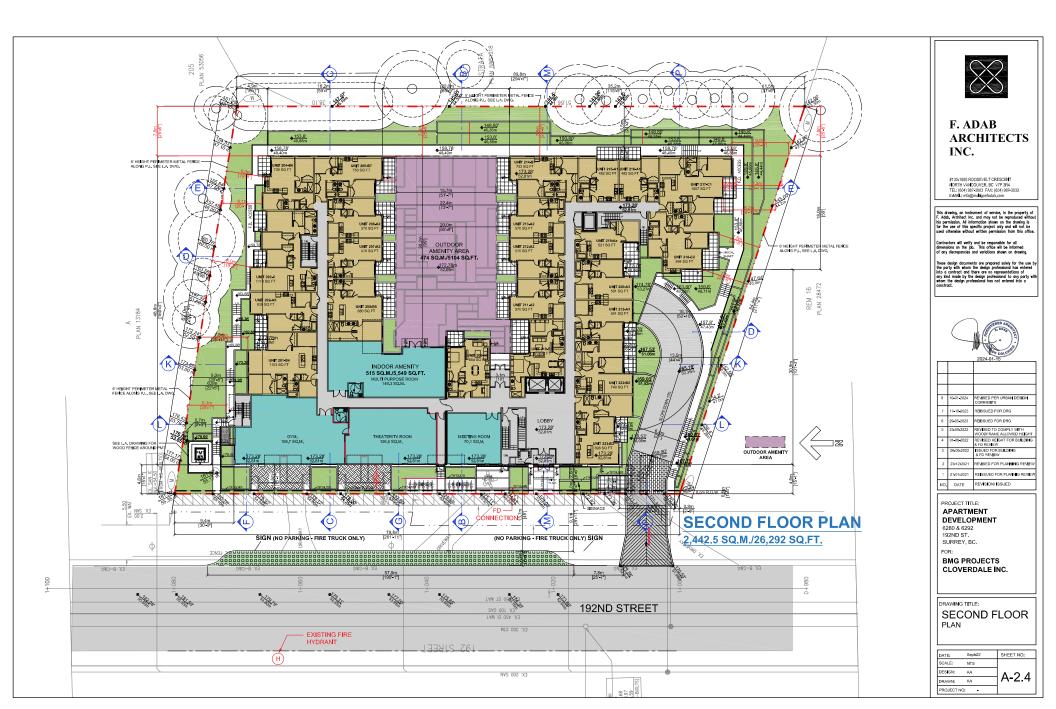


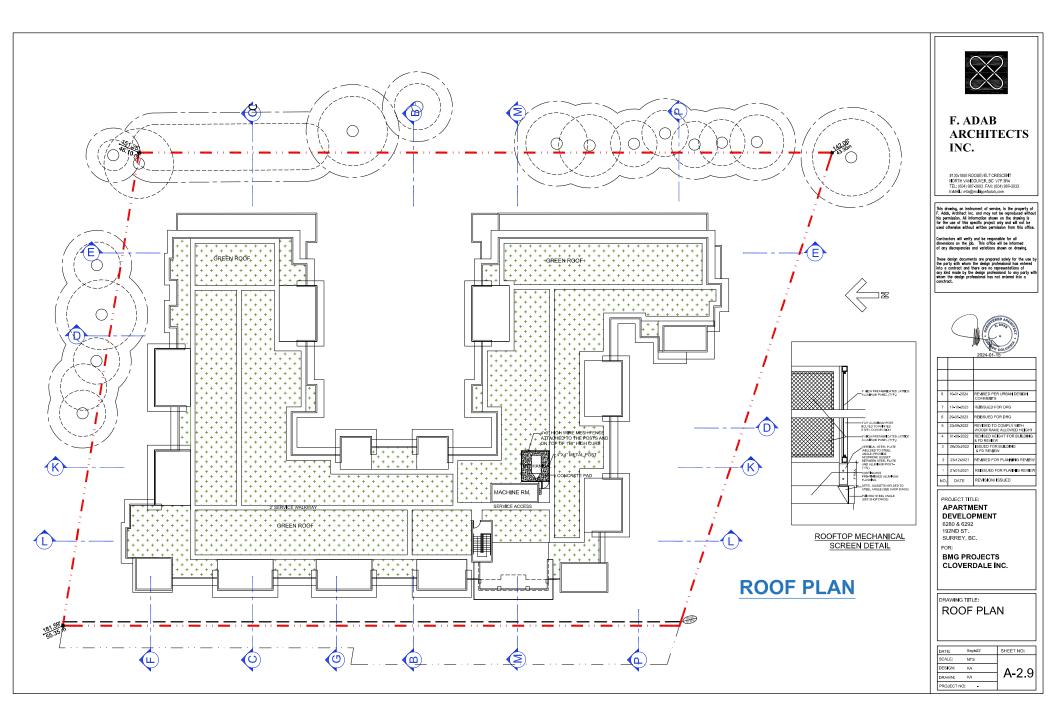


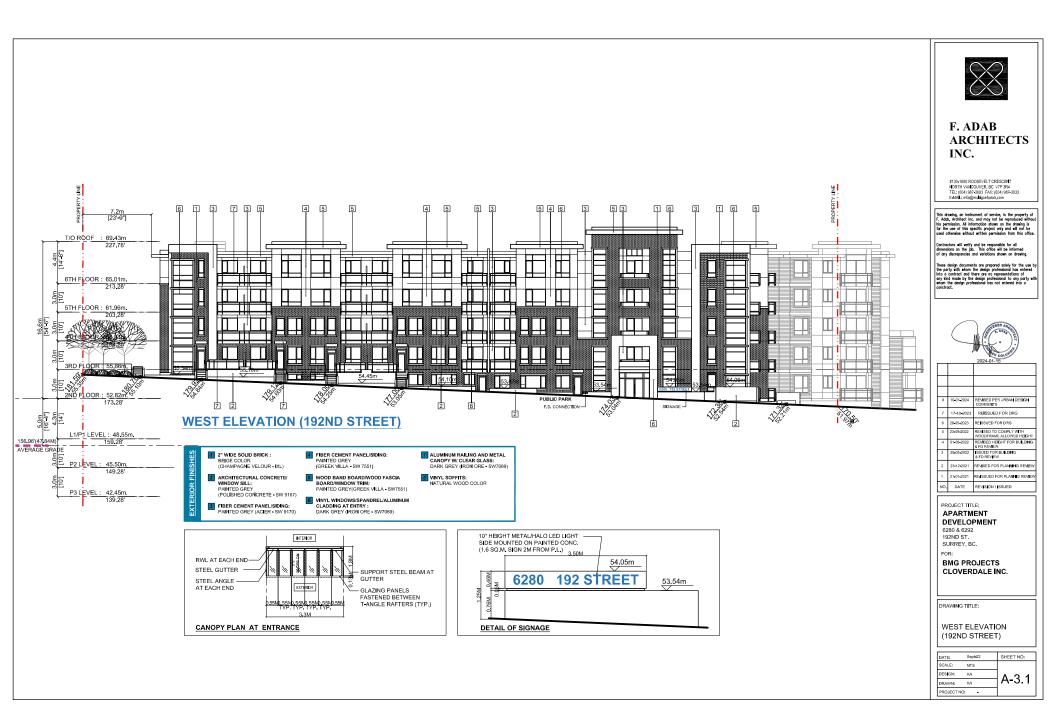


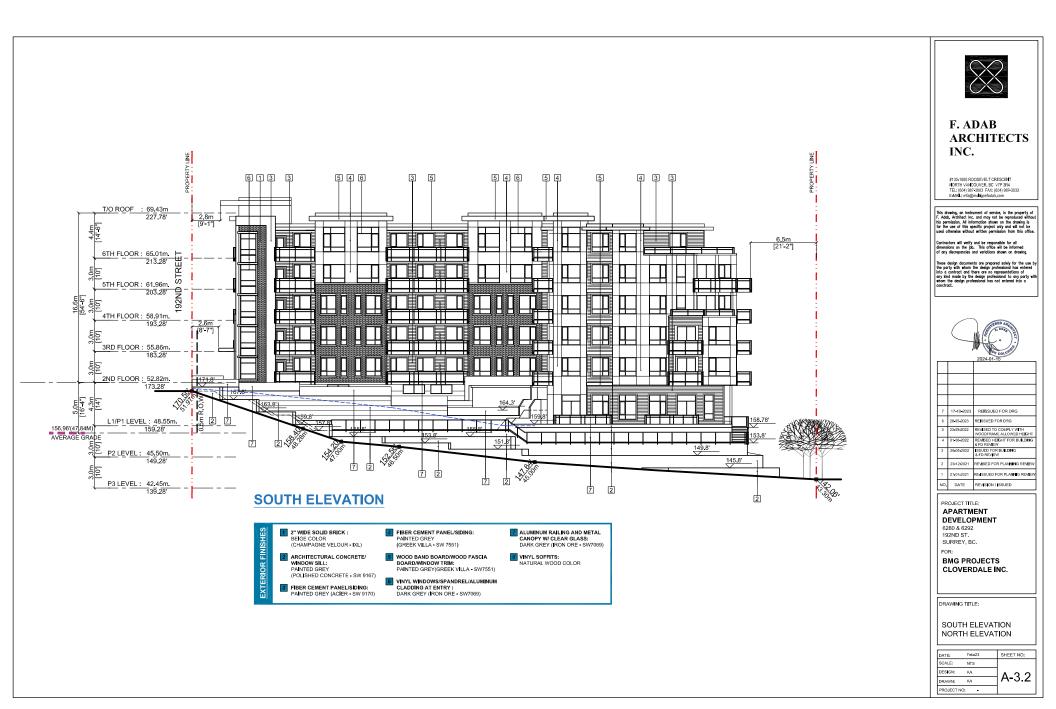


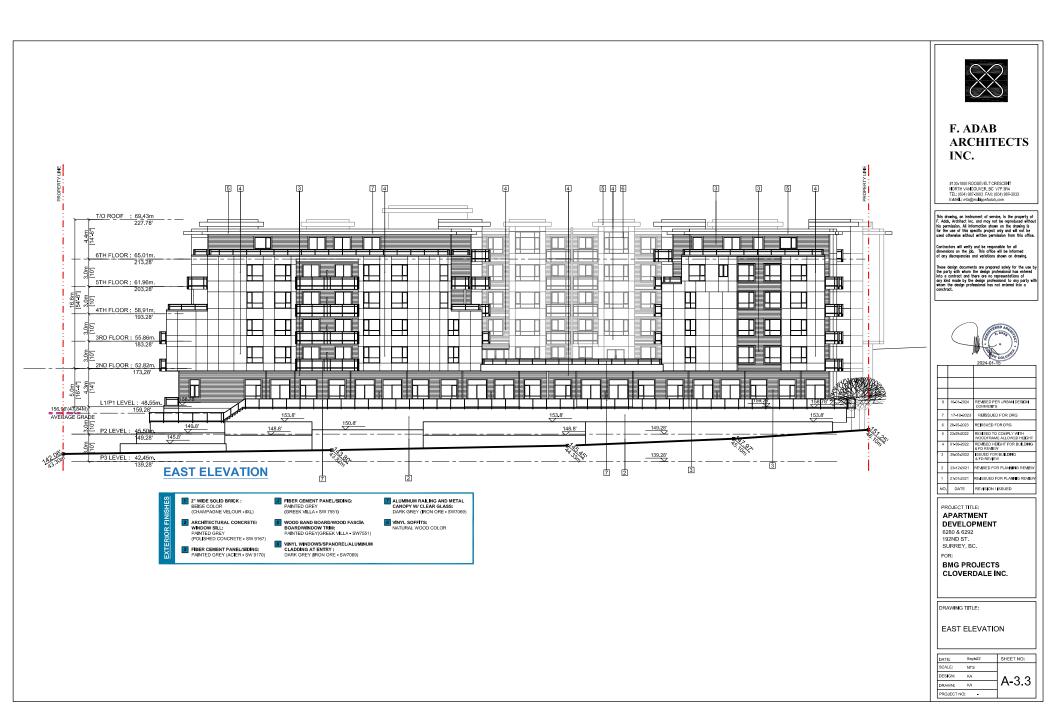


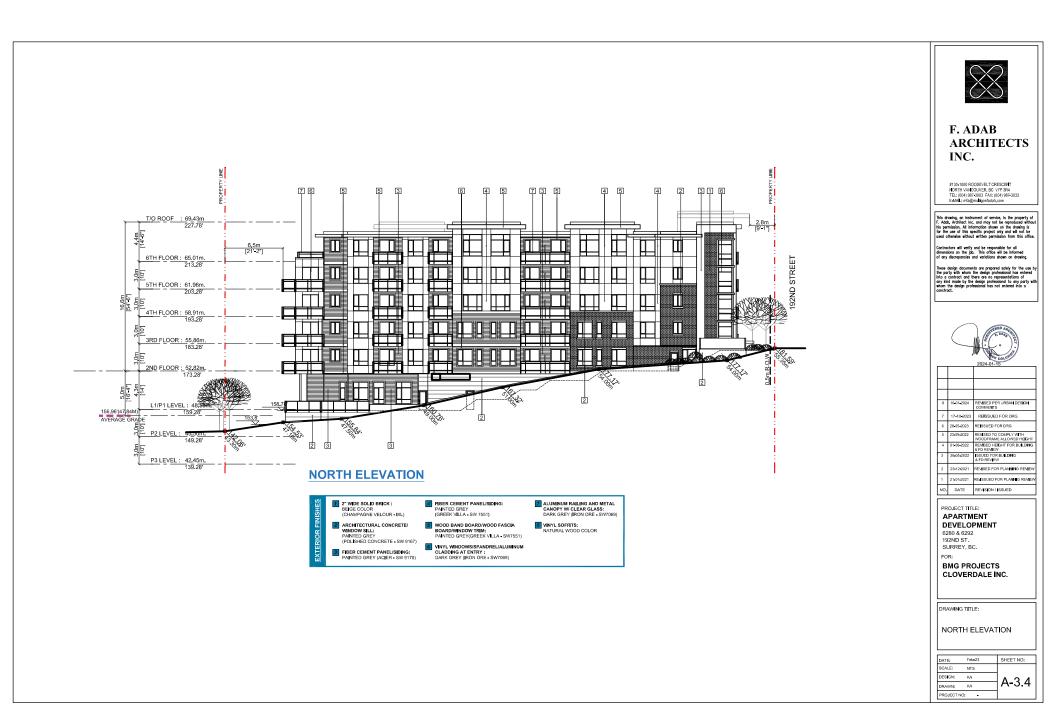












192nd Street Apartment Development

Issued for DP



Location Map (NTS)

Contact Information

VDZ+A Pimert Lunds and Additionthin

Fort Langley Slucio 102 - 9181 Church Street Fort Langley British Columbia, V1M 2R8

Mount Pleasant Studio 102-355 Kingsway Vancouver, British Columbia, V5T 3J7 Primary project contact: Phoenix Chan phoenix@vdz.ca o. 604 546 0927

Alternate contacts (incase away) Mark van der Zalm Principal Landscape Architect mark@vdz.ca 0: 604 546 0920

Contact Information

BMG Project Cloverdale Inc.

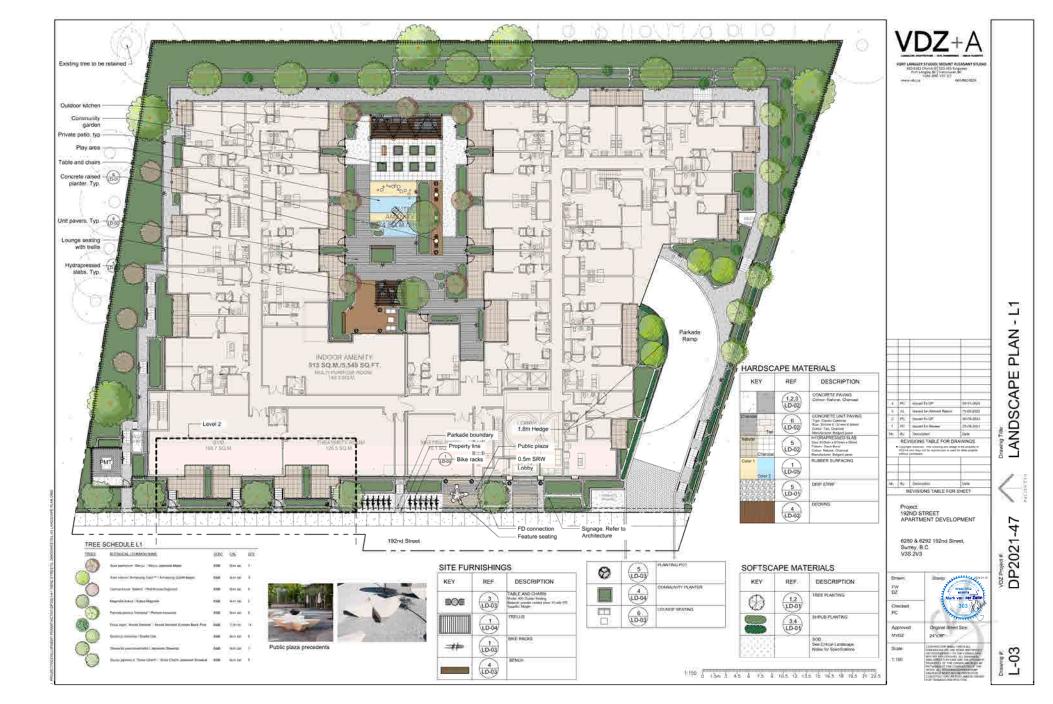
#201 - 204 Cayer Street Coguitlam, BC, V3K 581 1 604 521 4300 F. ADAB ARCHITECTS INC. Project Building Antillecium

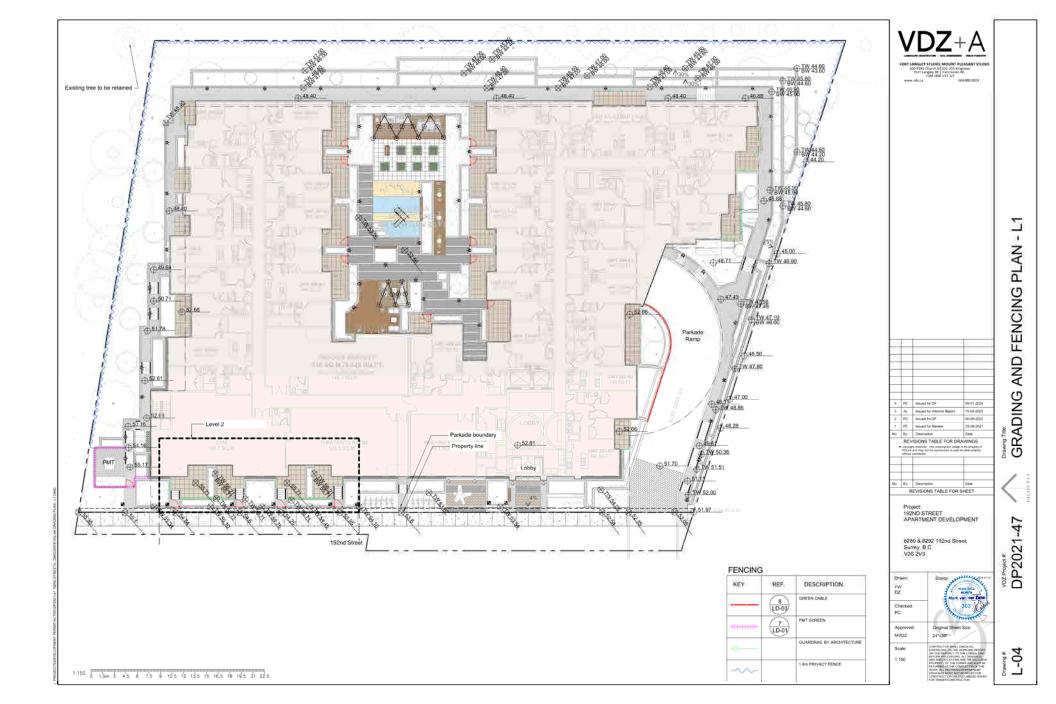
#130-1030 Reosevelt Cressent North Vancouver, BC V7P 3R4 1 604 987 3003

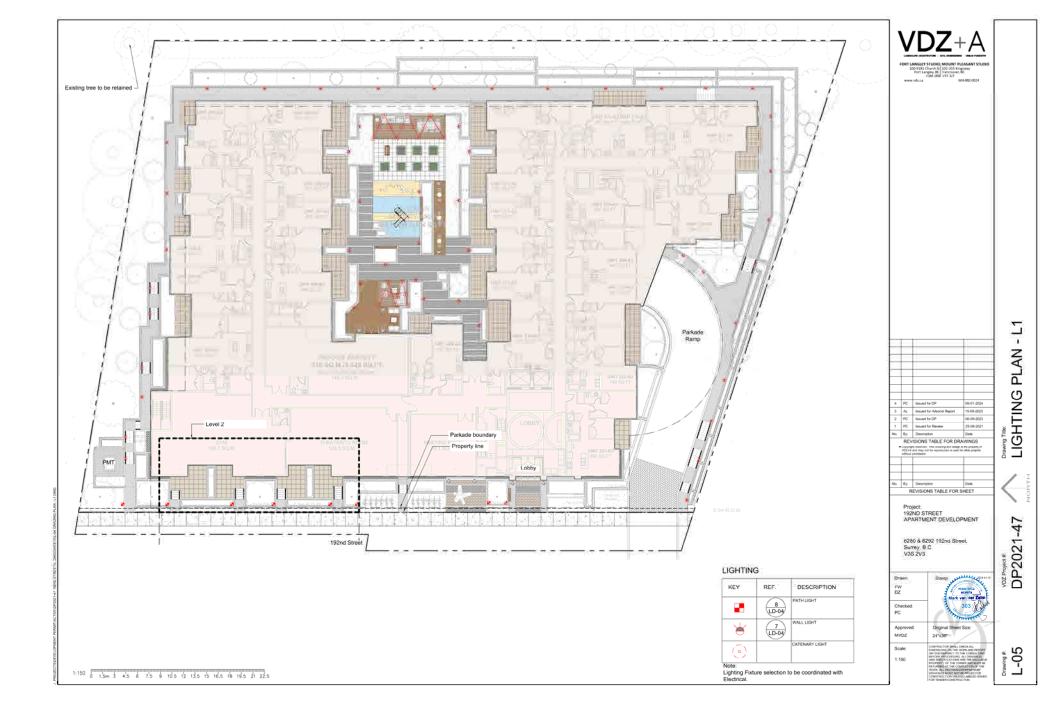
Sheet Number	Sheet Title
L-01	COVER SHEET
L-02	TREE MANAGEMENT PLAN
L-03	LANDSCAPE PLAN - L1
L-04	GRADING AND FENCING PLAN - L1
L-05	LIGHTING PLAN - LI
L-07	SOIL VOLUME PLAN - L1
L-06	PLANTING PALETTE
LS-01	SECTION L1
LS-02	SECTION L1
LS-03	SECTION L4
LD-01	DETAILS
LD-02	DETAILS
LD-03	DETAILS
LD-04	DETAILS
LD-05	DETAILS













PLANTING CONCEPT

Given the multi functionality of the developement, several planting design approaches are taken.

Consisting of an array of pollinator friendly material, plantings are predominately evergreen and low maintenance. The plant species have been seleted to have fruits and structure for bird habitation as well blocms which layer throughout the season to feed pollinators.

Central amenity area aims for a natural-dean environment by using Maple with grass (i.e. Golder Japanese Forest Grass, Switch Grass) and ground covers: (i.e. Japanese Spurge and Sedum).

Plantings throughout residential areas are focused on foliage, well keeping the colour palette of Pinks, Chartreuse and Burnt Yellows.



























PLANT SCHEDULE

EART CONEDOLL	
EDGING Taxos x media: 16ckavi 16cka Yew	CONT 1.2m M
Phuje coodentate "Snarage" / Emerald Green Arborvitae	1.2m ht
SHRUBS/PERENNIALS. Abelia x grand/flora / Glossy Abelia	CONT 93
Azates japonica. 'Gumpo Pink.' / Dwarf Pink Azatea	#3
Bertveris Itilintwrgii 'Armin Nario' / Japanimi Barberry	12
Coreceptus verticitista "Mocobeum" / Threadtent Greecome	#1
Enkienthos companulatus / Enkienthus	(69)
Escalonia x Newport Dwarf / Newport Dwart Escalonia	83
Euphorbia characias waterii / Evergreen Spurge	#1
Naconechina macra 'Aureola' / Golcen Japanese Front Grass	11
Nydrangea panicuata "Little Lime" / Little Lime (Tydrangea	12
Paracutt virgatum Northwind / Switch Grass	10
Pinus mugo "Pumilio" / Mugo Pine	63
Rhobbotchron s 'Perry Waarmarki' / Percy Waarmarki Altopodiscorpe	#3
Itrus typtina "Tiger Lyws" / Tiger Lyws Sumac	82
Ribes sanguinsum / Red Flowering Current	43
Rosmannus officinais / Rosemary	83
Rudbeckia fulgina sullivanti 'Goldstom' / Black Eyed Susan	10
Beroscoss ruteitale / Freguent Barcoscos	#2
Spirana approxita. 'Geletricoord' / Spirana	82
Taxua baccete rependente : Spreading English Yew	62
Vaccinium corymocaum: Pink Lamonada' / Pink Lamonada Biuabany	42
ROUND COVERS Ettas x darleyenais. Motlinemanan Pirk' / Monitamanaar Pirk Health	CONT #1
Pachysandra terrimate 'Green Sheen' / Green Sheen Japanete Sparge	11
Sedum x Angelina / Angelina Sedum	#1
Thymsus setpythins 'Elfin' / Elfin Triyme	#1



TREE SCHEDULE L1

HOTANGCAL / COMMON NAME	
Acor patrolium "Servy," / Servy: Listenews Master	
Acer Intrum Winstong Gold ^{am} / Annatrong Gold II Mages	
Cernus Rouse Saledy /Hed Kouse Dogwood	
Magnotia kotus / Kobus Megnona	
Parrolia pereida "Vanessa" / Persian transcort	
Price Ingre Amold Sensinel / Amold Sensinel Availabr Diack Prie	
Quertury occorres / Scattel Oak	
Stewartia provocamenia / Japanesa Stewartia	

CONT GAL

BAB flom car

B58 Hore call

B&B Barn cal

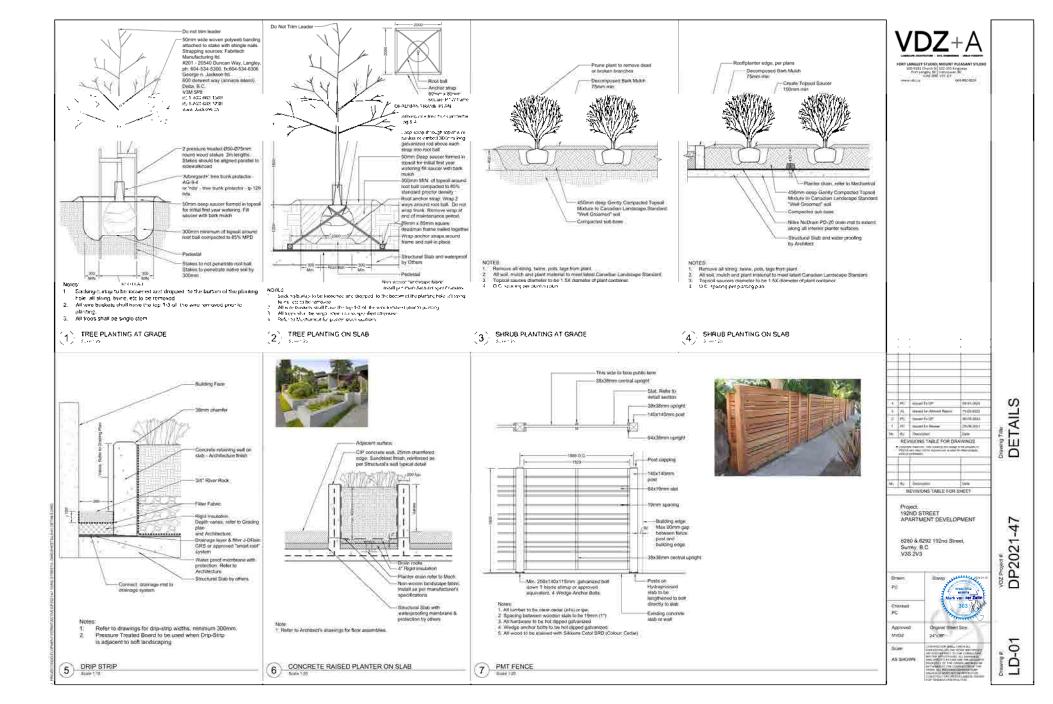
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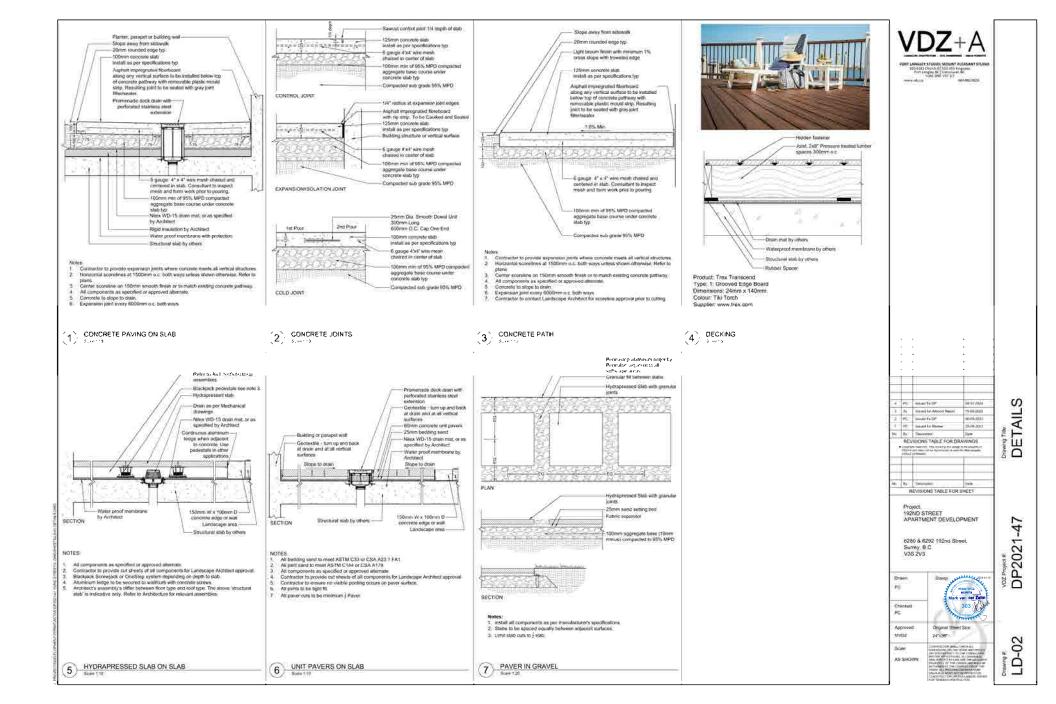
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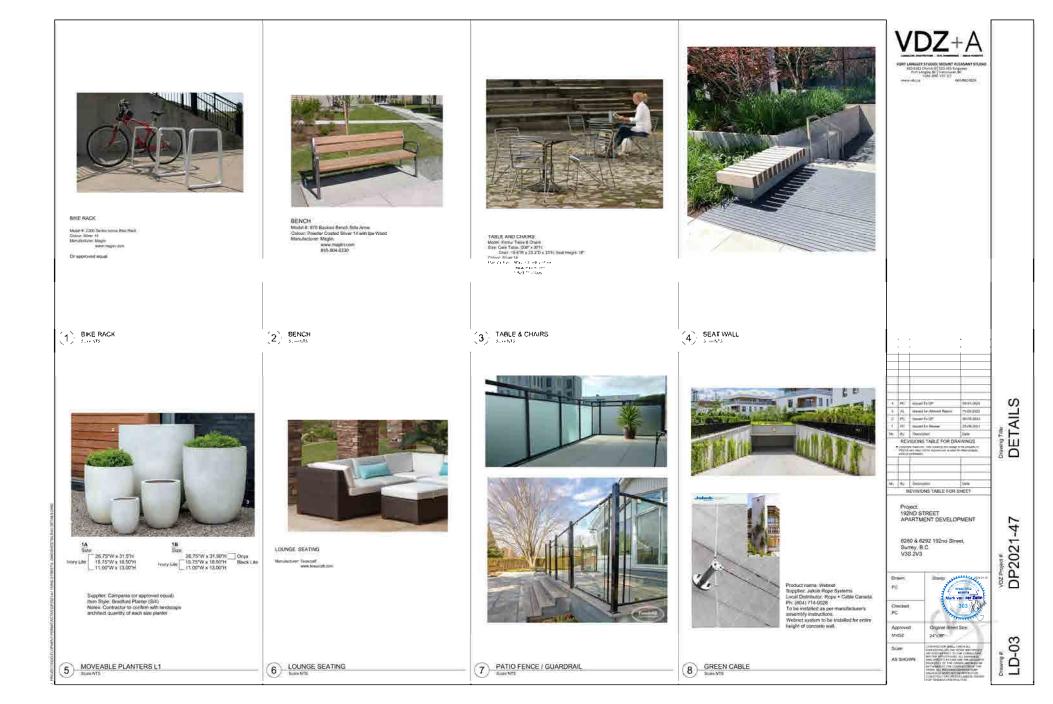
BAB Born cal

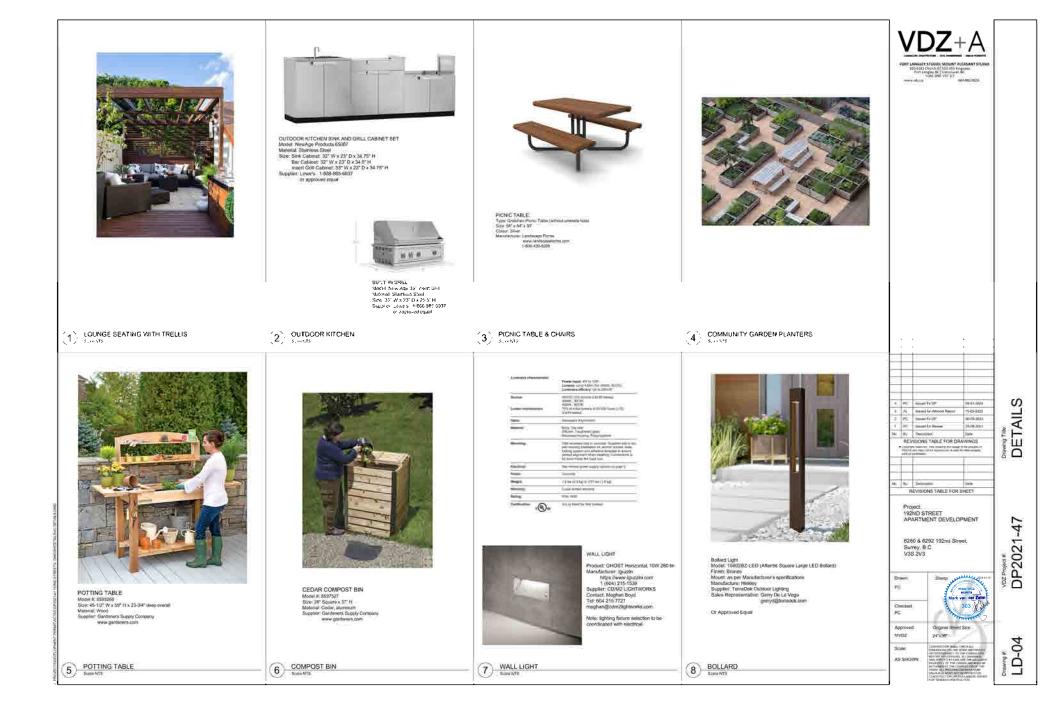
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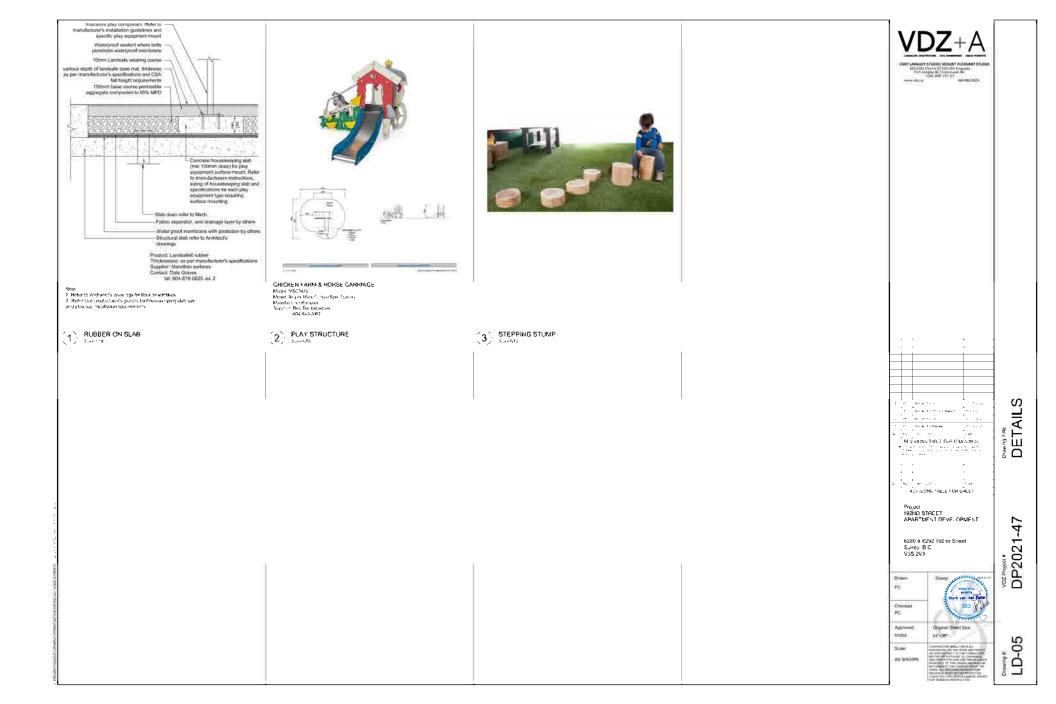
















TO:	Director, Area Planning & Development - North Surrey Division Planning and Development Department		
FROM:	Development Process Manager, Engineering Department		
DATE:	February 28, 2024	PROJECT FILE:	7823-0012-00
RE:	Engineering Requirements Location: 6280 192 St		

OCP AMENDMENT

There are no engineering requirements relative to the OCP Amendment.

REZONE/SUBDIVISION

Property and Right-of-Way Requirements

- Dedicate varying widths for the ultimate 30.0 m road allowance along 192 Street.
- Dedicate 10.058 m of gazette road on 192 Street.
- Register 0.5 m SRW along 192 Street development frontage.

Works and Services

- Construct 1.8 m concrete sidewalk along 192 Street.
- Construct 300 mm watermain along 192 Street.
- Provide adequate water, storm, and sanitary service connections.
- Provide sanitary analysis to confirm capacity of fronting and downstream system, and provide improvements as required.
- Provide on lot drainage features as per the Cloverdale McLellan IMSP.
- Register applicable restrictive covenants on title as determined through detailed design.

A Servicing Agreement is required prior to Rezone/Subdivision.

DEVELOPMENT PERMIT/DEVELOPMENT VARIANCE PERMIT

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

Daniel Sohn, P.Eng. Development Process Manager RH



Department:	Planning and Demographics
Date:	February 22, 2024
Report For:	City of Surrey

Development Impact Analysis on Schools For:

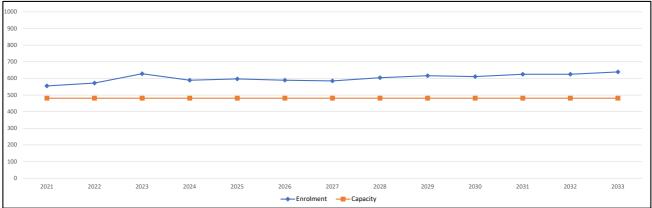
Application #	:

The proposed development of 157 Low Rise Apartment units are witl

23 0012 00

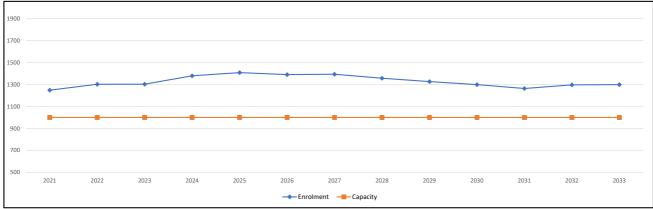
The proposed development of 157	Low Rise Apartment Units	
are estimated to have the following impact on ele	mentary and secondary schools	Summary of Impact and Commentary
within the school regions.		The following tables illustrate the historical, current and future enrolment projections
		including current/approved ministry operating capacity for the elementary and secondary
		schools serving the proposed development.
School-aged children population projection	24	
		Latimer Road enrolment has been significantly growing over the last 3 years because of a boundary
		change in 2015 which moves enrolment growth southward from Katzie Latimer Road. This growth is
Projected Number of Students From This Develop		further compounded by new residential multi-family developments opening up south of Fraser
Elementary School =	14	Highway in the catchment. Future growth in the area will need to be accommodated with portables.
Secondary School =	6	As of September 2022, there are 6 portables on site used for enrolling space. With the
Total Students =	20	announcement for funding to extend the SkyTrain line to Langley, these projections should be
Comment Francisco en el Commentatione		considered conservative.
Current Enrolment and Capacities:		Ecole Salish Secondary opened in September 2018. This school has been built to relieve enrolment
		pressure at both Lord Tweedsmuir and Clayton Heights Secondary. The Ministry of Education
Latimer Road Elementary		supported the District to prepare a feasibility study for a 500 capacity addition for Clayton Heights
Enrolment	628	Secondary. No funding has been approved to move the project into design and construction.
Operating Capacity	481	secondary. No runding has been approved to move the project into design and construction.
# of Portables	6	<u> </u>
Clayton Heights Secondary		
Enrolment	1304	
Operating Capacity	1000	
# of Portables	10	

Latimer Road Elementary



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

Clayton Heights Secondary



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

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



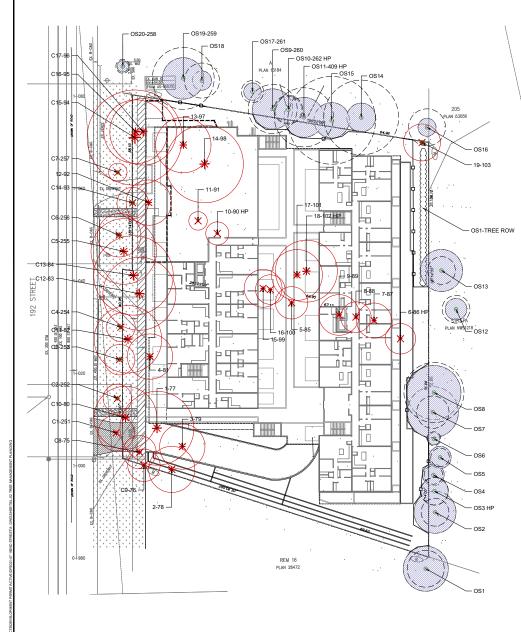
Table 1 : Tree Preservation Summary

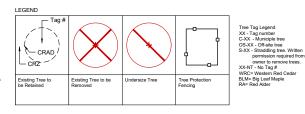
Surrey Project No: 18-0253-00

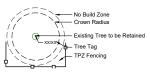
Address: 6280 - 6292 192 Street, Surrey, BC

Registered Arborist: D. Glyn Romaine - ISA Certified Arborist PN-7929A

On-Site Trees	Number of Trees	
Protected Trees Identified (on-site and shared trees, including trees within boulevards and pro- posed streets and lanes, but excludg trees in proposed open space or riparian areas)	35	
Protected Trees to be Removed	35	
Protected Trees to be Retained (excluding trees within proposed open space or riparian areas)	0	
Total Replacement Trees Required:		
Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 0 x one (1) = 0 All other Trees Requiring 2 to 1 Replacement Ratio 35 x two (2) = 70	70	
Replacement Trees Proposed	TBD	
Replacement Trees in Deficit	TBD	
Protected Trees to be Retained in Proposed [Open Space / Riparian Areas}	NA	
Off-Site Trees	Number of Trees	
Protected Off-Site Trees to be Removed	0	
Total Replacement Trees Required:		
Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 0 x one (1) = 0 All other Trees Requiring 2 to 1 Replacement Ratio	0	
0 x two (2) = 0		
Replacement Trees Proposed	NA	
Replacement Trees in Deficit	NA	







Note:

1. Contact Arborist for inspection 72 hrs prior to any grading or excavation within the tree protection zone. If during excavation it is found that it cannot be completed without severing roots that are critical to the trees health or stability it may be necessary to remove additional trees.

2. Read this plan together with the arborist report prepared by VDZ+A.

3. An additional 1m setback is shown for all hand-plotted trees to be retained

4.If Stump Grinding is to occur in close proximity to trees which are to be retained then it is requested stumps to be removed under Arborist supervision.

5. It is the responsibility of the client or his/her representative to contact the project arborist for the purpose of:

*Locating TPZ Fencing

*Locating Work Zone and Machine access corridors where required *Reviewing the Report with the project foreman or site supervisor.



Trusk Diameter (2000) mesoned at 1.4 m from the ground	Critical Root Zone minimum Secondistance from the tree
21 cm (7.9)	
	12m(39)
25 cm (9.87)	1.5 m (6.9')
30 cm (11.8")	184(59)
18 em (13.8%)	21m(89)
40 cm (25.7*)	24m(797)
(Cam (17.75)	27m(8.97)
51 cm (28.77)	3.0 m (9.3 ')
55 cm (21.77)	33 m(108')
60 cm (23.67)	3.6 m(11.87)
75 am (21.57)	45m(348)
90 am (25.47)	54m(177)
100 cm (34.4")	6.0 (0.077)
· For distances not on this table divide the	DBH (in-eni) by 16.6
 Example: \$0-cm+16.6-4.5 m 	

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1 PC Issued for Review Aug 25, 2021 No. By: Description Date REVISIONS TABLE FOR DRAWINGS Copyright reserved. This drawing and o VDZ+A and may not be reproduced or sign is the property of sed for other projects Dra REVISIONS TABLE FOR SHEET Project: 192ND STREET VDZ Project #: DP2021-47 APARTMENT DEVELOPMENT 6280 & 6292 192nd Street, Surrey, B.C. V3S 2V3

No. By: Do

Drawn:

Checked: PC

Approved:

MVDZ

Scale:

1:250

FW

Stamp:

Original Sheet Size

CONTRACTOR SHALL CHECK ALL DIVENSIONS ON THE WORK AND

ANYDISCREPANCY TO THE O BEFORE PROCEEDING. ALL D AND SPECIFICATIONS ARE TH PROPERTY OF THE OWNER A

24"x36"

FORT LANGLEY STUDIO | MOUNT PLEASANT STU

604-882-0024

100-9181 Church St Fort Langley, BC V1M 2R8 V5T 3J7

www.vdz.ca

1:250 0 2.5m 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5

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PLAN

MANAGEMENT

TREE

27

