

# PUBLIC HEARING AGENDA

Monday, July 8, 2019 7:00 P.M. Council Chambers, Langley City Hall 20399 Douglas Crescent

**Pages** 

#### 1. CALL TO ORDER

Mayor van den Broek calls the Public Hearing to order.

Mayor van den Broek reads a statement regarding the procedure to be followed for the Public Hearing.

The Corporate Officer advises how this Hearing has been publicized and of any correspondence received.

### 2. BUSINESS

a. Bylaw 3106 - Zoning Amendment & Development Permit Application To amend the Zoning Bylaw, 1996, No. 2100 to rezone the properties located at 20209, 20219, 20225, 20237 53A Avenue from RS1 Single Family Residential Zone to RM3 High Density Residential Zone to accommodate a 69 unit, five (5) storey condominium apartment development.

The Mayor invites Lukas Wykpis, Keystone Architecture, to present the proposed bylaw and development permit application.

The Mayor invites those in attendance who deem their interest in property affected by the proposed bylaw and development permit to present their comments.

#### 3. MOTION TO CLOSE PUBLIC HEARING

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# ZONING BYLAW, 1996, NO. 2100 AMENDMENT NO. 164, 2019, BYLAW NO. 3106 DEVELOPMENT PERMIT APPLICATION DP 03-19

To consider a Rezoning Application and Development Permit Application from Redekop Kroeker Development Inc. to accommodate a 5-storey, 69-unit condominium apartment development.

The subject properties are currently zoned RS1 Single Family Residential Zone in Zoning Bylaw No. 2100 and designated "High Density Residential" in the Official Community Plan. All lands designated "High Density Residential" are subject to a Development Permit to address building form and character.

#### **Background Information:**

**Applicant:** Redekop Kroeker Development Inc.

Owner: RKDI (Langley 2) Homes Ltd.

**Civic Addresses:** 20209, 20219, 20225, 20237 – 53A Avenue **Legal Description:** Lots 70 & 71, District Lot 305, Group 2, New

Westminster District, Plan 33503; Lot 66, District Lot 305, Group 2, New Westminster District, Plan 33157; Lot 9, District Lot 305, Group 2, New Westminster District, Plan

21003

**Site Area:** 3,540 m<sup>2</sup> (0.875 acres)

Number of Units: 69 apartments

**Density:** 194.9 units/ha (78.9 units/acre)

**Gross Floor Area:** 6,081 m<sup>2</sup> (65,455 sq ft)

Floor Space Ratio: 1.718 Lot Coverage: 34.4%

**Total Parking Required:** 101 spaces (including 5 h/c spaces)

Parking Provided:

Resident87 spacesVisitor14 spaces

**Total** 101 spaces (including 5 h/c spaces)

OCP Designation: High Density Residential (HDR)
Existing Zoning: RS1 Single Family Residential
Proposed Zoning: RM3 High Density Residential

**Variances Requested:** Building Height – 5 storeys (4 storey max.)

Int. Setbacks – 7.0 m (7.5 m required)

**Development Cost Charges:** \$839,774.25 (City - \$585,245.00, GVS&DD -

\$221,858.00, SD35 - \$32,671.25)

Community Amenity Charges: \$138,000.00



### ZONING BYLAW, 1996, No. 2100 AMENDMENT No. 164

#### **BYLAW No. 3106**

A Bylaw to amend City of Langley Zoning Bylaw, 1996, No. 2100 to rezone the properties located at 20209, 20219, 20225, 20237 – 53A Avenue to the RM3 (Multiple Residential High Density) Zone.

WHEREAS the *Local Government Act* authorizes a local government to zone areas of a municipality and to make regulations pursuant to zoning;

NOW THEREFORE the Council of the City of Langley, in open meeting assembled, enacts as follows:

#### 1. Title

This bylaw shall be cited as the "Zoning Bylaw 1996, No. 2100 Amendment No. 164, 2019, No. 3106".

#### 2. Amendment

Bylaw No. 2100, cited as the "Zoning Bylaw, 1996, No. 2100" is hereby amended by changing the zone classification of:

- (a) PID: 006-906-435 Lot 70, District Lot 305, Group 2, New Westminster District, Plan 33503
- (b) PID: 006-906-478 Lot 71, District Lot 305, Group 2, New Westminster District, Plan 33503
- (c) PID: 006-788-921 Lot 66, District Lot 305, Group 2, New Westminster District, Plan 33157
- (d) PID: 010-138-463 Lot 9, District Lot 305, Group 2, New Westminster District, Plan 21003

from the RS1 Single Family Residential Zone to the RM3 Multiple Residential High Density Zone in Schedule "A" – Official Zoning Map.

READ A FIRST AND SECOND TIME this twenty fourth day of June, 2019.

A PUBLIC HEARING, pursuant to Section 464 of the *Local Government Act* was held this XXXX day of XXXX, 2019.

READ A THIRD TIME this XXXX day of XXXX, 2019.

FINALLY ADOPTED this XXX day of XXX, 2019.

MAYOR	
CORPORATE OFFICER	



# REZONING APPLICATION RZ 03-19 DEVELOPMENT PERMIT APPLICATION DP 03-19

Civic Address: 20209, 20219, 20225, 20237 – 53A Avenue

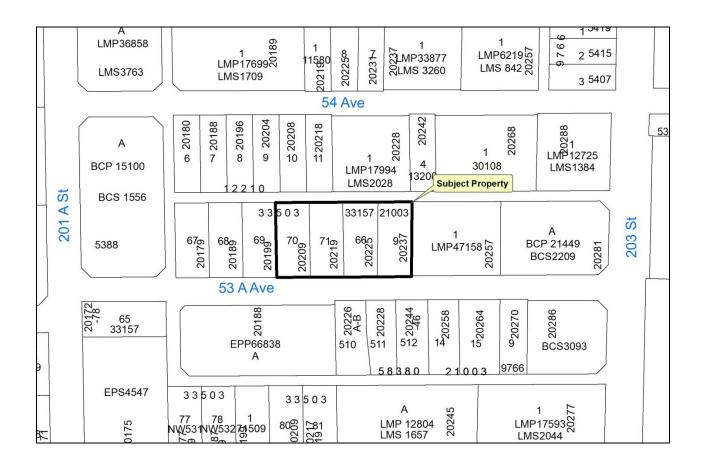
Legal Description: Lots 70 & 71, District Lot 305, Group 2, New Westminster

District, Plan 33503; Lot 66, District Lot 305, Group 2, New Westminster District, Plan 33157; Lot 9, District Lot

305, Group 2, New Westminster District, Plan 21003

Applicant: Redekop Kroeker Development Inc.

Owner: RKDI (Langley 2) Homes Ltd.





# ADVISORY PLANNING COMMISSION REPORT

To: Advisory Planning Commission

Subject Rezoning Application RZ 03-19

**Development Permit Application DP 03-19** 

From: Development Services & Economic

**Development Department** 

Date: May 30, 2019

File #: 6620.00

Bylaw #: 3106

Doc #:

#### **COMMITTEE RECOMMENDATION:**

THAT Rezoning Application RZ 03-19 and Development Permit Application DP 03-19 to accommodate a 5-storey, 69-unit condominium apartment development located at 20209, 20219, 20225, 20237 – 53A Avenue be approved, inclusive of building height and setback variances, subject to execution of a Development Servicing Agreement in compliance with the conditions outlined in the Deputy Director of Development Services & Economic Development's report.

#### PURPOSE OF REPORT:

To consider a Rezoning Application and Development Permit Application by Redekop Kroeker Development Inc. for a 5-storey, 69-unit condominium apartment.

#### POLICY:

The subject properties are currently zoned RS1 Single Family Residential in Zoning Bylaw No. 2100 and designated "High Density Residential" in the Official Community Plan Land Use Designation Map. All lands designated for multifamily residential use are subject to a Development Permit to address building form and character.



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Subject: Rezoning Application RZ 03-19 Development Permit Application DP 03-19

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# COMMENTS/ANALYSIS:

#### **Background Information:**

**Applicant:** Redekop Kroeker Development Inc. **Owner:** RKDI (Langley 2) Homes Ltd.

**Civic Addresses:** 20209, 20219, 20225, 20237 – 53A

Avenue

**Legal Description:** Lots 70 & 71, District Lot 305, Group 2,

New Westminster District, Plan 33503; Lot 66, Group 2, New Westminster District,

Plan 33157; Lot 9, Group 2, New Westminster District, Plan 21003

**Site Area:** 3,540 m<sup>2</sup> (0.875 acres)

Number of Units: 69 apartment

**Density:** 194.9 units/ha (78.9 units/acre)

**Gross Floor Area:** 6,081 m<sup>2</sup> (65,455 sq ft)

Floor Space Ratio: 1.718 Lot Coverage: 34.4%

**Total Parking Required:** 101 spaces (including 5 h/c spaces)

Parking Provided:

Resident 87 spaces Visitor 14 spaces

**Total** 101 spaces (including 5 h/c spaces)

OCP Designation: High Density Residential (HDR)
Existing Zoning: RS1 Single Family Residential
Proposed Zoning: RM3 High Density Residential

Variances Requested: Building Height – 5 storeys (4 storey max.)

Interior Setbacks – 7.0 m (7.5 m min.)

**Development Cost Charges:** \$839,774.25 (City - \$585,245.00, GVS&DD

- \$221,858.00, SD35 - \$32,671.25)

Community Amenity Charges: \$138,000.00

# **Engineering Requirements:**

These requirements have been issued for a rezoning and development permit application for a proposed 69-unit condominium apartment development. These requirements may be subject to change upon receipt of a development application.

The City's Zoning Bylaw, 1996, #2100 has requirements concerning landscaping for buffer zones, parking, loading areas, and garbage / recycling areas, all of which apply to this Development.



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# A) The developer is responsible for the following work which shall be designed and approved by a Professional Engineer:

- 1. A Qualified Environmental Professional (QEP) must be engaged to implement erosion and sediment control in accordance with the City of Langley Watercourse Protection Bylaw #2518.
- 2. A storm water management plan for the site is required. Rainwater management measures used on site shall limit the release rate to predevelopment levels to mitigate flooding and environmental impacts as detailed in the Subdivision and Development Bylaw. All calculations shall be based on the updated IDF data for Surrey Kwantlen Park (1962-2013) with 20% added to the calculated results to account for climate change.
- 3. New water, sanitary and storm sewer service connections are required. All pertinent pipe design calculations shall be submitted in spreadsheet format that includes all formulas for review by the City. The Developer's engineer will determine the appropriate main tie in locations and size the connections for the necessary capacity. The capacity of the existing water and sanitary sewer mains shall be assessed through hydraulic modeling performed by the City's hydraulic modeling consultant at the Developer's expense. Any upgrades required to service the site shall be designed and installed at the Developer's expense. All existing services shall be capped at the main by the City, at the Developer's expense, upon application for Demolition permit.
- 4. Conduct a water flow test and provide fire flow calculations by a Professional Engineer to determine if the existing water network is adequate for fire flows. Replacement of the existing watermain may be necessary to achieve the necessary pressure and flows to conform to Fire Underwriters Survey (FUS) "Water Supply for a Public Fire Protection, a Guide to Recommended Practice, 1995". All calculations shall be submitted in spreadsheet format that includes all formulas for review by the City.
- Additional C71P fire hydrants may be required to meet bylaw and firefighting requirements. Hydrant locations must approved by the City of Langley Fire Department.
- 6. A minimum road dedication of 0.6m will be required along the entire 53A Ave. frontage of the proposed development.
- 7. To accommodate the City's fire department, the Developer is responsible for providing an 8m minimum paved laneway along the north frontage of the proposed project with an appropriate road dedication.



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8. Design and construct a half-width road on 53A Ave. along the project frontage to a City of Langley modified local road standard (curb to curb width 11.0m) including pavement, barrier curb and gutter; 1.5m wide sidewalk; curb bulges; boulevard strip; existing driveway removal; street lighting; street trees and storm drainage. Additionally, any widening of the pavement structure required to meet the design road width will need to be designed by a geotechnical engineer.

- 9. The site layout shall be designed by a civil engineer to ensure that the parking and access layout meets minimum design standards, including setbacks from property lines. Appropriate turning templates should be used to prove parking stalls and drive-aisles are accessible by the design vehicle.
- 10. Existing street lighting along 53A Avenue shall be reviewed by a qualified lighting consultant to ensure existing street lighting and lighting levels meet current City of Langley standards.
- 11. The condition of the existing pavement along the proposed project frontage shall be assessed by a geotechnical engineer. Pavements shall be adequate for an expected road life of 20 years under the expected traffic conditions for the class of road. Road construction and asphalt overlay designs shall be based on the analysis of the results of Benkelman Beam tests and test holes carried out on the existing road which is to be upgraded. If the pavement is inadequate it shall be remediated, at the developer's cost.

# B) The developer is required to deposit the following bonding and connection fees:

- 1. The City would require a Security Deposit based on the estimated construction costs of installing civil works, as approved by the Director of Engineering, Parks and Environment.
- 2. The City would require inspection and administration fees in accordance to the Subdivision Bylaw based on a percentage of the estimated construction costs. (See Schedule A General Requirement GR5.1 for details).
- 3. A deposit for a storm, sanitary and water connection is required, which will be determined after detailed civil engineering drawings are submitted, sealed by a Professional Engineer.
- 4. The City would require a \$40,000 bond for the installation of a water meter to current standards.



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<u>NOTE</u>: Deposits for utility services or connections are estimates only. The actual cost incurred for the work will be charged. The City will provide the developer with an estimate of connections costs, and the Developer will declare in writing that the estimate is acceptable.

### C) The developer is required to adhere to the following conditions:

- 1. Undergrounding of hydro, telephone and cable services to the development site is required, complete with underground or at-grade transformer.
- 2. All survey costs and registration of documents with the Land Titles Office are the responsibility of the developer/owner.
- 3. A water meter is required to be installed outside in a vault away from any structures in accordance to the City's water meter specifications at the developer's cost.
- 4. An approved backflow prevention assembly must be installed on the domestic water connection immediately upon entering the building to provide premise isolation.
- 5. A "Stormceptor" or equivalent oil separator is required to treat site surface drainage.
- 6. A complete set of as-built drawings, service record cards, a completed tangible capital asset form (TCA) and a completed pavement cut form all sealed by a Professional Engineer shall be submitted to the City after completion of the works. Digital drawing files in .pdf and .dwg formats shall also be submitted.
- 7. The selection, location and spacing of street trees and landscaping are subject to the approval of the Director of Engineering, Parks & Environment
- 8. Stormwater run-off generated on the site shall not impact adjacent properties, or roadways.
- Garbage and recycling enclosures shall accommodated on the site and be designed to meet Metro Vancouver's "Technical Specifications for Recycling and Garbage Amenities in Multi-family and Commercial Developments - June 2015 Update"



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# <u>Discussion:</u>

#### 1. Context

The subject properties are located within 300 metres (a five minute walk) of the Downtown Commercial area in a neighbourhood of mostly multifamily residential developments. The site consists of four lots within a remaining pocket of single family homes. Across the lane to the north are the three and four storey Emerald Court, Brighton Place and Cavalier Court apartment buildings. To the east are the four storey Innis Park (a BC Housing rental property) and Chilton Layne apartments. Across 53A Avenue to the south is the recently completed LC Residence, a four storey 80-unit apartment building. To the west are three single family lots between the proposed development site and a lane that runs between 53A Avenue and 54 Avenue.

#### 2. Design

The applicant is proposing a five storey, flat roofed building on top of a parkade structure that partially projects above the existing grade of this mostly level site. A terraced, brick-faced retaining wall with integrated planters provides an attractive transition from 53A Avenue to the residential floors. The building presents a prominent main entrance accentuated by a facade projection finished in brick to the fronting street. Exterior finishes (materials and paint treatments) lighten in progressive bands moving up from ground level to the fifth floor, de-emphasizing the height and mass of the building.

Vehicular access to the building is derived from the lane at the rear of the properties with the parkade ramp positioned in the northwest corner of the site. Visitor parking spaces are provided on the surface behind the building, perpendicular to the lane. Two electric vehicle charging stations are provided within the secured underground parking with rough-in wiring for the remaining spaces.

Unit floor plans range from one-bedroom, 566 square foot apartments to two-bedroom plus flex space apartments with 1,021 square feet of floorspace. Five units meeting the B.C. Building Code standard for Adaptable Housing are provided in the building. Indoor and outdoor amenity spaces in excess of bylaw requirements are provided including a proposed community garden and a barbecue area behind the building.



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#### 3. CPTED

The applicant's proposal benefited from a comprehensive Crime Prevention Through Environmental Design (CPTED) review by a qualified consultant whose recommendations were incorporated into the plans.

#### 4. Variances

The applicant has requested the following variances from RM3 zoning provisions as part of this development proposal:

- Maximum building height increase from 4 to 5 storeys
- Interior Setback (east and west sides) reduction from 7.5 metres to 7.0 metres

The applicant's architect has provided a design rationale for the 5-storey building height noting:

- How projecting roof elements on 4-storey buildings in the immediate vicinity can be compared visually to a flat roofed, 5-storey building
- Presence of other 5 and 6-storey buildings within the general neighbourhood

Staff would also note that the applicant's reduced setbacks and increased building height proposals are in step with previous recommendations made for a new zoning bylaw in 2017. The variances help to offset significant road dedications required along both the front (0.6 metres) and rear (2.0 metres) property lines. Staff support the proposed variances.

## 5. <u>Summary</u>

The proposed development is generally consistent with the City's Official Community Plan policies and Development Permit Area guidelines for this area. The development of this site will fill in a gap between multifamily residential buildings in this central city neighbourhood.

#### **Fire Department Comments:**

Fire hydrants for the site and location of the fire department connection will be reviewed when building plans are received. A lockbox for firefighter access will be supplied during construction. A dedicated 8.0 m wide fire access lane will be included in the project.



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### **Advisory Planning Commission:**

In accordance with Development Application Procedures Bylaw No. 2488, the subject applications will be reviewed by the Advisory Planning Commission at the June 12, 2019 meeting. A copy of the APC minutes will be presented to Langley City Council at the June 24, 2017 Regular Council meeting.

#### **BUDGET IMPLICATIONS:**

In accordance with Bylaw No. 2482, the proposed development would contribute \$585,245.00 to City Development Cost Charge accounts and \$138,000.00 in Community Amenity Charges.

#### **ALTERNATIVES:**

- 1. Require changes to the applicant's proposal.
- 2. Deny application.

Prepared by:

Roy M. Beddow, MCIP, RPP

Deputy Director of Development Services

& Economic Development

Concurrence:

Concurrence:

Rick Bomhof, P.Eng.

Director of Engineering, Parks &

Environment

Rory Thompson, Fire Chief

attachments





# MINUTES OF THE ADVISORY PLANNING COMMISSION MEETING

# HELD IN LANGLEY CITY HALL CKF COMMUNITY BOARDROOM

### WEDNESDAY, JUNE 12, 2019 7:01 PM

**Present:** Councillor Rudy Storteboom (Chair)

Councillor Nathan Pachal (Vice-Chair)

Adrian Brugge Jen Cook Ellen Hall Mike Haney

Constable Berthier Kyobela

Dan Millsip

School Trustee Tony Ward

Trish Wong

**Absent:** John Beimers

Staff: Roy Beddow, Deputy Director of Development Services & Economic

Development

Kelly Kenney, Corporate Officer

### 1) APPROVAL OF AGENDA

MOVED BY Commission Member Wong SECONDED BY Commission Member Haney

THAT the agenda for the June 12, 2019 Advisory Planning Commission meeting be approved.

<u>CARRIED</u>

#### 2) RECEIPT OF MINUTES

MOVED BY Commission Member Millsip SECONDED BY Commission Member Wong

THAT the minutes for the May 8, 2019 Advisory Planning Commission meeting be received.

**CARRIED** 

# 2) <u>REZONING APPLICATION RZ 03-19</u> <u>DEVELOPMENT PERMIT APPLICATION DP 03-19</u> 20209, 20219, 20225, 20237 – 53A Avenue

Roy Beddow, Deputy Director of Development Services & Economic Development, provided a brief overview of the planning context for the proposed Rezoning and Development Permit applications.

Mr. Beddow introduced Lukas Wykpis, Project Manager, Keystone Architecture.

Tim Kroeker, President, Redekop Kroeker Development Inc. and Eric Poxleitner, Architect, Keystone Architecture were also in attendance.

Mr. Wykpis presented the application, providing an overview of the building with details on the following:

- Context Plan;
- Building height rationale;
- 53A Avenue streetscape;
- Site plan;
- P1 level plan;
- L1 floor plan;
- Upper floor plans;
- Building elevations;
- 3D massing perspectives;
- Building materials;
- Landscape plan;
- CPTED principles;
- Sustainability principles;
- OCP requirements:
- Traffic management plan;
- a public information meeting was held June 6 which 3 people attended; notices were distributed to approximately four hundred residences.

In response to questions from Commission members, Mr. Wykpis advised that:

- in response to a request from the Fire Department the applicant is widening the laneway at the back to 8m;
- road dedication of 0.6m will be required along frontage of the development for future road widening;
- a small number of steps are required to access green spaces and amenities at the back of the building;
- green spaces were deliberately not designated for a specific use with the intent that it be left up to the owners to decide how they'd like to use those spaces;

- due to soil conditions in the area the parkade can't be fully sunk underground so the parkade has to be raised, requiring a perimeter wall to be built at ground level at a height of 5 feet; upper level units should be able to see over the perimeter wall in order to have eyes on the street; however, first floor units may not be able to see over the wall; the wall has to be that height to maintain appropriate head room in the parkade:
- landscaping at the back of the building is minimal to open up the area a bit more:
- bicycle storage in the parkade consists of bike racks not individual lockers:
- ramps meet all handicapped accessibility codes;
- the BBQ amenity area is 20' x 20' and the grassy area is approximately 25' x 40' and are not connected to the amenity room on the first floor;
- lighting at the back near the parkade will consist of in-wall lighting and some lighting along the walkway;
- the demolition of houses on the site was completed two months ago and no vermin issues were identified at that time:
- there will be no loss of street parking as a result of this development;
- there are two EV charging stations and rough-ins for all other parking spaces so should an owner with a disability require an EV charging station in a handicapped stall it can be installed:
- the conduit for the EV charging station rough-ins is common and it would be up to the strata as to how charging stations would be added and managed;
- the machine room identified in the parking site plan may end up not being required and so that area would become part of the lobby, further opening up site lines in the parkade;
- access to the complex will be by fob: CCTV will also be installed throughout, including entrances and exits and visitor parking area; each floor cannot have its own fob as there are rules about not locking stairwells to the lobby;
- there are storage lockers on the first floor as well as in the parkade; in addition, some units have their own storage rooms within.

Commission members provided comments to the applicant as follows:

- individual lockers for bikes would be more secure than bike racks:
- it is desirable to have ground floor units have walkout connections to public sidewalks in accordance with CPTED principles;

- stairs are needed from greenspace to the amenity room;
- consider installing CCTV for area of complex where blind spot will be due to perimeter wall and installing extra lights and landscaping as further deterrents.

Mr. Wykpis, Mr. Kroeker and Mr. Poxleitner left the meeting.

In response to a question from a Commission member, staff and the Vice-Chair advised that, although density is increasing in the city, it is not currently meeting projected growth targets as family sizes are not as big as what was projected and, because properties within the city are all developed, only redevelopment of existing properties can occur. Overall, because development comes in fits and starts, by the time of the next census the city may have caught up to its growth targets.

Staff responded to further questions from Commission members, advising that:

- the City has factored in the greater requirements for utilities due to increased density and staff are working with BC Hydro to determine electricity requirements due to more and more EV charging stations being installed in the city; further, staff will be considering utility infrastructure requirements as part of the OCP review;
- engineering staff have confirmed there is enough capacity to handle the increase in traffic that will occur on 203 Street as a result of this new building;
- additional eyes on the back of the building will be provided by residents living in the building across the lane, thereby providing an additional measure of security.

Commission members discussed whether the city will have enough amenities as the population increases with a subsequent suggestion from the Vice-Chair that the City look to the City of North Vancouver, a municipality roughly the size of the City of Langley but with a larger population, to help guide what the city will need in terms of amenities as its population grows as well as reviewing the City's current recreation and culture master plan.

### MOVED BY Commission Member Wong SECONDED BY Commission Member Haney

THAT Rezoning Application RZ 03-19 and Development Permit Application DP 03-19 to accommodate a 5-storey, 69-unit condominium apartment development located at 20209, 20219. 20225, 20237 – 53A Avenue be approved, inclusive of building height and setback variances, subject to execution of a Development Servicing Agreement in compliance with the conditions outlined in the Deputy Director of Development Services & Economic Development's report.

#### CARRIED

There was unanimous consent to add an item to the Agenda – Nikomekl River District Neighbhourhood Plan.

#### 4) **NIKOMEKL RIVER DISTRICT NEIGHBOURHOOD PLAN:**

Mr. Beddow advised of an upcoming workshop and an open house on the Nikomekl River District Neighbourhood Plan to seek community input into the development of neighbourhood plan concepts for the area:

- Workshop: June 25, 9am-12pm, Mackie Room, Coast Hotel & Convention Centre, Langley City, 20393 Fraser Hwy. (Advance registration required)
- Open House: June 26, 6pm-8pm, Main Floor, Langley City Hall, 20399 Douglas Crescent

Mr. Beddow advised that this project is one of the recommendations out of the City's Nexus of Community visioning plan to better utilize the City's waterfront as a valued amenity and plan a neighbourhood around it. Advisory Planning Commission members are invited to attend both the workshop and open house with pre-registration being required for the workshop. Registration can be completed online on the City's website.

#### 5) **NEXT MEETING:**

September 11, 2019 (Tentative)

# 6) ADJOURNMENT

MOVED BY Commission Member Hall SECONDED BY Commission Member Wong

THAT the meeting adjourn at 7:59 P.M.

**CARRIED** 

ADVISORY PLANNING COMMISSION CHAIRMAN

DEPUTY DIRECTOR OF DEVELOPMENT SERVICES & ECONOMIC DEVELOPMENT

**Certified Correct** 





#### RKDI (LANGLEY 2) HOMES LTD.

T 604.214 3487 210 - 11590 CAMBIE RD F 604.214 3449 RICHMOND, BC, V6X 3Z5



#### KEYSTONE ARCHITECTURE & PLANNING LTD.

T 604 850.0577 300 - 33 13 1 SOUTH FRASER WAY F 1 855.398.4578 ABBOTSFORD, BC, V2S 2B1

#### sheet schedule

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90 1.07 STE



**53A AVENUE CONDOS - EAST** 

**COVER PAGE** SCALE FLT.S.

**RE-ISSUED FOR DEVELOPMENT PERMIT** 

19-06-20 REVISION #

PROJECT NUMBER 18-177



SD 0.01

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A BAR LINU MAH	1100121 ·/ {[] 162M
LOT COVERAGE	13 091 5
FSR	65455 5 F / 18, 100 7 1 5 4 - 2 7

0.2.0 floor area			
RESIDENTIAL	POTAL	TOTAL	
\$5T E0 COOR	9,80951 911.29	M21	
790 11000	10,91150 1,0155	254	
THE FLORISH	11 142 54 1,815 5	950	
4 TH FLOUR	11 14751 1995 9	9 NA	
SHIDOR	11,1475/ 1,015.5	9 SM	
TOTAL	54,181 SF 5,033.5	2 \$M	
CINCULATION / SERVICE	TOTAL	TOTAL	
151 FEDOR	2 118/57 225 15		
2000-010000	1,7 no 51 115 17		
3RD FLOOR	1,514.56 145.50		
4 TH FECHOR	1,56434 145.10		
51H LLOOM	1.56459 145.30		
TOTAL	8,790 SF 81A 62	500	
AMERITY	TOTAL	TOTAL	
an it made recognitio (2.3 SAA/DRD)	1,70m Si (Sa 7u	SSU	
HEITERIN PROVIDED	1,585 % [84.4]	1581	
CHITISCHUR AMERICE SPACE	1296 24 54 106 42	ISM	
TOTAL	5,783 24 57 400 83	SM	
PARKADE	TOTAL	TOTAL	
ri .	27499595 255100	e-ia	
POTAL	27,459.5955 2,551.00	4 SM	
FLOOR AREA SUMMARY	81 Y /45 855 W 8/ 78 S		
DEDSS FLOOR AREA	M-45554 AURUS	7 SM	
LIBUSS SALEABLE AREA	54 (615) 5 031 5		
JEDSS NON SALLAND AND A	10 775 54 1004 61	1534	

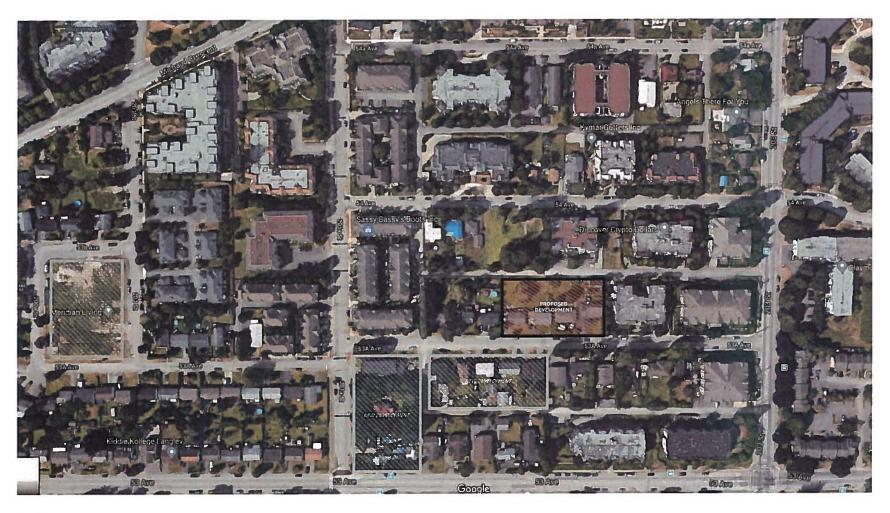
0.3.0 storage requirem	ents		
REQUIRED (BYLAW REQUIREMENT)	NO OF UNITS	FACTOR	TOTAL
119(0)(+1123)	AL	ESTURAGE AND A JUNIT	41
2 800 (2 1113)	41	1 STURAGE AREA / DRIFT	41
TOTAL STORAGE AREAS REQUIRED			69
PLOVIDED			TOTAL
HORAGE ROOMS IN URITS			66
SHORAGE LOCKLIS			2.8
TOTAL STORAGE AREAS			60

0.4.0 unit count summary			
UNIT TYPE	AREA	QUARTITY	PERCENTAGE
1 198 19	56151 64151	Jb	245
I NED + FU A	675.51 689.51	10 [5 ADAPTABLE]	14%
7 1411	864) 58	21	000
2 P& 01 + F1 0 X	9179 1.0719	70	310
POTAL UNETS		-	3,000 %

0.5.0 parking requirements			
AEGUARED (BYLAW REQUIREMENT)	NO OF UNITS	FACTOR	TOTAL
EMD (CHIA)	in	*L2 STALLS#HHI	11
5 80 (3) (x 4 (4 X)	41	*1 4 STALLS/RING	50
WHICH	1/9	*0 /	9.6
TOTAL PARISHO STALLS REQUIRED			1.01
PROVIDED	SMALL CAR	NO H/C OF TOTAL	TOTAL
st/h,	018151		6.5
MIRACI	44.1	- 10	14
TOTAL STALLS IV PAREINI: WITH E MARGING STATETHS 41e REBBURGING STRIES FORBAUF EV RUNGER BY	22 (234)		181
MCVCLE PARENG REQUIRED (SYLAW REQUIREMENT)	NO OF LINETS	FACTOR	TOTAL
ONE TY LE STARLES	64	444	35
SICYCLE PARISING PROVIDED	VEATICAL	HOREONTAL	TOTAL
BILLY OF STATES	177	26	95







#### location

THE PROPOSED DEVELOPMENT IS LOCATED IN LANGLEY ON 539 AVENUE BETWEEN 2019 STREET AND 20 STREET. THE SYE IS SURROUNDED BY A MIXTURE OF SINGLE FAMILY RESIDENTIAL HOMES AND 4 & 5.5TOREY RESIDENTIAL APARTMENT BUILDINGS.



**53A AVENUE CONDOS - EAST** 

CONTEXT PLAN



PROJECT NUMBER 13-177

RE-ISSUED FOR DEVELOPMENT PERMIT

REDEKOP KROEKER
DEVLOPMENT INC.

#### 53A AVENUE CONDOS - EAST / MULTI-FAMILY RESIDENTIAL





PROPOSED DEVELOPMENT

5638 & 5650 201A STREET, LANGLEY BC

4 STOREY PITCHED ROOF BUILDING ADJACENT TO A 5 STOREY FLAT ROOF BUILDING UNDER CONSTRUCTION

# building height rationale

THIS PROPOSED NEW 5-STOREY DEVELOPMENT HAS BEEN DESIGNED CAREFULLY TO FIT WELL IN CONTEXT WITH THE NEIGHBOURING MID-DENSITY 4-STOREY DEVELOPMENT BOTH IN STYLE AND PROPORTION BY REDUCED ROOFLINE PROJECTIONS AND FAÇADE TREATMENT THAT INTENTIONALLY BREAKS UP THE HEIGHT WITH VARIED MATERIAL AND COLOURING. THE BOTTOM TWO STOREY GROUND PLANE IS TREATED WITH DARKER MORE HEAVIER BUILT-OUT MATERIALS. SUCH AS BRICK AND HARDIE LAP SIDING WITH THEN PANEUSED CEMENT BOARD OF DARK AND LIGHT GREY TONES BECOMING LIGHTER AS IT ASCENDS TO THE TOP FLOOR GIVING THE APPEARANCE OF THE BUILDING STEPPING BACK AT THE UPPER FLOUR GIVING I HE APPEARANCE OF THE BUILDING STEPPING BACK AT IT INCOPPER FLOOR LEVELS. THE ADJACENT 4-STOREY MID FASE STRUCTURES HAD BEEN CONSTRUCTED WITH BOTH STEEP SLOPING HIP AND GABLE ROOFS AND SCHIECART FLAT ROOF PROLECTIONS CLOSELY AND CHARCHING THE HEIGHT OF THE PROPOSED 5-STOREY FAÇADE AS CAN BE NOTED ON THE ATTACHED STREETSCAPE VIEWS ON DRAWING 50 1.03

2nd IMAGE "THE PLACE ON PARK AVENUE", LANGLEY BC 5 STOREY FLAT ROOF BUILDING WITH ROOF POP UPS

1st IMAGE "LEGACY" 20416 PARK AVENUE, LANGLEY BC 6 STOREY FLAT ROOF BUILDING UNDER CONSTRUCTION ADJACENT TO:













SD 1.02B



PROJECT NUMBER 13-177

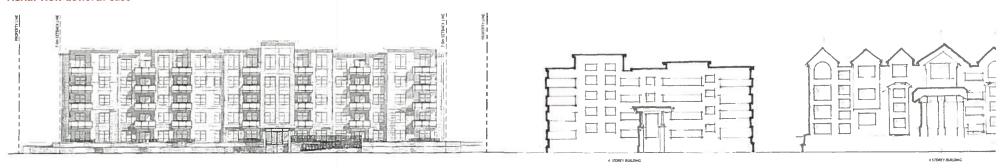






south-west corner

Aerial view at north east



# **53a avenue streetscape**



53A AVENUE CONDOS - EAST

STREETSCAPE SCALE 1/16" = 1"-0" RE-ISSUED FOR DEVELOPMENT PERMIT
19 06-20 REVISION #
PROJECT NUMBER 18 177



#### design rationale

#### project description

THE STITING AND MASSING OF THE BUILDING IS DESIGNED TO ALLOW NATURAL DAYLIGHT INTO THE UNITS THROUGH LARGE WINDOWS AND BALCONY PROJECTIONS OUTDOOR AMENITY SPACE IS STRATEGICALLY POSITIONED AT THE NORTHWEST CORNER OF THE SITE SO TO RECEIVE ATTENDONING POWNERN THE SPACE WILL MOST COMMONLY BE UTILIZED. THE BUILDING FAÇADE IS RHYTHMICALLY DIVIDED UP AND MASSED VERTICALLY AND HORIZONTALLY IN SUCH A WAY TO CREATE A SENSE OF INDIVIDUALITY, WITH A GROUND FLOOR LEVEL SCALED TO ALLOW A STREET-FRIENDLY AND INTITING

THE EXPOSED PARKADE PORTIONS ARE SURFACE TREATED AND LINED WITH A VEGETATIVE BUFFER AND ARE PERMEABLE FROM THE STREET BY MEANS OF WIDE STARS AND RAIMS. THE EXTERIOR THEATMENTS USE OF GRAY, DARK BLUE AND REID BRICK TONES TO BRING A SENSE OF WARMTH AND WELCOMING AS A LIVABLE PLACE WITHIN THE CITY OF LANGLEY.

THIS PROPOSED NEW 5-STOREY DEVELOPMENT HAS BEEN DESIGNED CAREFULLY TO FIT WELL IN CONTEXT WITH THE NEIGHBOURING MID-DENSITY 4-STOREY DEVELOPMENT BOTH IN STYLE AND PROPORTION BY REDUCED ROOFLINE PROJECTIONS AND FAÇADE TREATMENT THAT INTENTIONALLY BREAKS UP THE HEIGHT WITH VARIED MATERIAL AND COLOURING. THE BOTTOM TWO STOREY
GROUND PLANE IS TREATED WITH DARKER MORE HEAVIER BUILT-OUT MATERIALS SUCH AS BRICK AND HARDIE LAP SIDING WITH THEN PANELISED CEMENT BOARD OF DARK AND LIGHT GREY TONES BECOMING LIGHTER AS IT ASCENDS TO THE TOP FLOOR GIVING THE APPEARANCE OF THE BUILDING STEPPING BACK AT THE UPPER FLOOR LEVELS. THE ADJACENT 4-STOREY MID-RISE STRUCTURES HAD BEEN CONSTRUCTED WITH BOTH STEEP SLOPING HIP AND GABLE BOOKS AND SIGNIFICANT FLAT ROOF PROJECTIONS CLOSELY MATCHING THE HEIGHT OF THE PROPOSED 5-STOREY FAÇADE AS CAN BE NOTED ON THE ATTACHED STREETSCAPE VIEWS ON DRAWING SD 1 03.

#### environmental sustainability

ADDRESSED WITHIN THE DEVELOPMENT BY THE PROVISION OF BIKE RACKS AND BIKE STORAGE, GREEN SPACES, LIGHT POLLUTION REDUCTION BY MEANS OF DARK SKY COMPLIANT EXTERIOR LIGHTING SYSTEMS, WATER EFFICIENT LANDSCAPING AND PLUMBING SYSTEMS, MATURAL VENTILATION THROUGH OPERABLE WINDOWS AND ENERGY PEFICIENT HACS SYSTEMS, STORAGE AND COLLECTION OF RECYCLABLES, RENEWABLES BASED WOOD BUILDING MATERIALS AND HEAT ISLAND EFFECT REDUCTION BY MINIMIZING SUPFACE PARKING AND MAXIMIZIN DENSITY

#### crime prevention

EMPRONMENTAL DESIGN PRINCIPLES (CPTED) HAVE BEEN INCORPORATED INTO THE DESIGN BY MEANS OF NATURAL SURVEILANCE THROUGHOUT THE PERIMETER COURTYARDS AND PARKADE LEVEL BY MEAS OF CLEAR VIEWING LINES FROM THE RESIDENTIAL UNITS AND BALCONIES. ELIMINATION OF ALL POTENTIAL DARK AREAS AND ACCESSES/EMITS, CLEARLY DEFINED MAIN ENTRANCES AND SECURE AND FULLY ACCESSIBLE PARKING.



visitor parking at north elevation

#### massing, form & character

FEATURE PROJECTIONS PROVIDED AROUND THE BUILDING ADD HIGHLIGHTS OF COLOUR AND VISUAL. INTEREST TO THE BUILDING FAÇADE MATERIALS CONSIST OF A BLEND OF BRICK, CEMENTITIOUS CLADDING WITH GLASS GUARDRAILS ALONG THE BALCONY PROJECTIONS THAT BOTH ARTICULATE A LOWER SCALE AT THE STREET AND COURTYARD ENTRIES, AND ALSO ALLOW A SENSE OF INTEREST, OPENNESS AND LIVABILITY AT THE UPPER EXTERIOR INTERFACES WITH THE PUBLIC REALM WITH ENHANCED VIEWS ALLOWING TENANTS TO EXPERIENCE THE OUTDOORS WHILE YET MAINTAINING

ALL UNITS WILL BE FIT WITH ROUGH IN AIR CONDITIONING CONNECTIONS AND FEATURE 9 FOOT CEILINGS. WE BELIEVE THAT THIS DEVELOPMENT WILL FURTHER ENHANCE THE VABILITY OF THE NIGERIBORHOOD AND THE SURROUNDING AREA. OUR CLIENT IS DEDICATED TO A QUALITY DEVELOPMENT AND APPRECIATES YOUR SUPPORT IN THIS PROJECT SO WE CAN MOVE QUICKLY THROUGH THE PROCESS.



front entrance





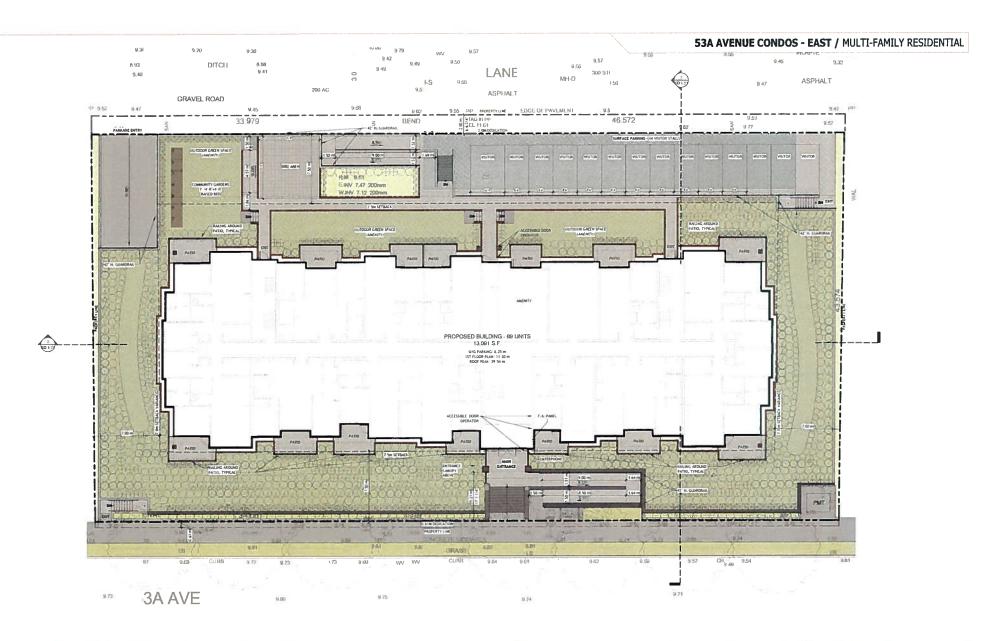
**53A AVENUE CONDOS - EAST** 

**DESIGN RATIONALE** 

RE-ISSUED FOR DEVELOPMENT PERMIT
19-06-20 REVISION #

PROJECT NUMBER 18-177







53A AVENUE CONDOS - EAST

SITE PLAN SCALE 1" + 10!-0"

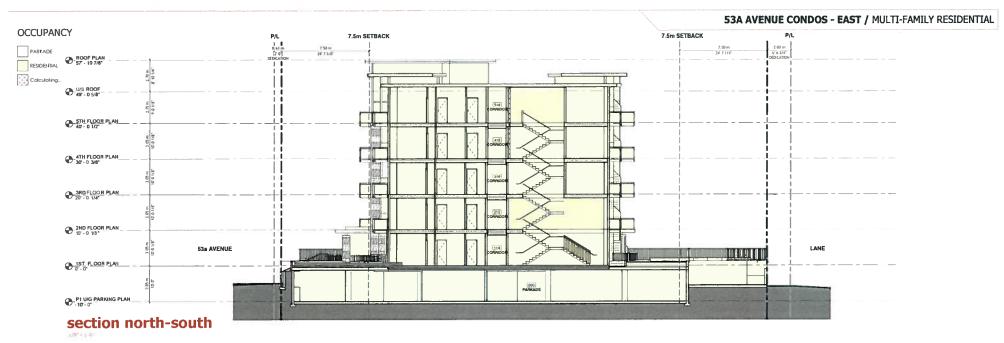


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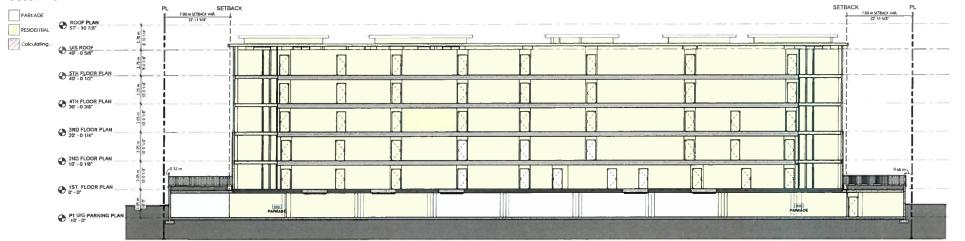
19.06-20 REVISION #

PROJECT NUMBER 15: 177









section east-west



53A AVENUE CONDOS - EAST

SITE SECTIONS
SCALE As indicated

RE-ISSUED FOR DEVELOPMENT PERMIT
19 06-10 REVISION #
PROJECT NUMBER 18-177

REDEKOP KROEKER DEVELOPMENT INC.



#### material legend

- CEMENT BOARD SMOOTH PANEL SIDING: MAKES HARDIE COLOUR: GRAY SLATE
- IB COMENT BOARD SMOOTH PANEL SIDING: JAMES HARDE" COLOUR; TIGHT MIST
- EMENT BOARD CEDARWILL HORIZONTAL LAP SIDING (6" EXPOSURE):

  JAMES HARDES, EQUOUR: EVI NING BLUE
- 4 CEMENT BOARD CEDARMILL HORIZONTAL LAP SIDING IN EXPOSURE):
  JAMES HARDET, COLOUR: MONT GRAY
- CEMENT BOARD STAGGERED EDGE PANEL
  JAMES HARDIE: COLOUR: EVENING BLUE
- MANUFACTURED BRICK VEHEER:
   MUTUAL MATERIALS, COLDUR: WURF RED'
   TEXTURE: SMOOTH
- ASPHALT ROOF SHINGLES "CAMBRIDGE":

   'NO', COLOUR: HARVARD SLATE
- SLIDING PATIO DOOR VINYL, COLOUR: BLACK
- COLOUR: BLACK'
- HEAVY TUMBER (PAINTED):

  "BEN JAMAN MOORE", COLOUR! "TO MATCH JAMES HARDIE NIGHT GRAY"

- TE EXTERIOR ALLMANUM RAILING:
- T7 CONCRETE WALL, COLOUR: "CLEAR SEALER"
- PLANTERS (LANDSCAPE TIES)
  COLOUR: NATURAL WOOD
- ALLIMINUM STOREFRONT SECTIONS:
- EXTERIOR METAL DOOR:
- PERFORATED WHYL SOFFITS:



**53A AVENUE CONDOS - EAST** 

**ENLARGED ELEVATIONS** 

SCALE As indicated

**RE-ISSUED FOR DEVELOPMENT PERMIT** 

19-06-20 REVISION W

PROJECT NUMBER 18-177













53A AVENUE CONDOS - EAST

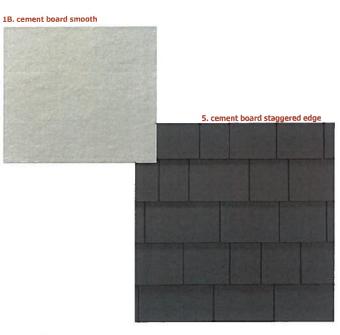
3D MASSING PERSPECTIVES

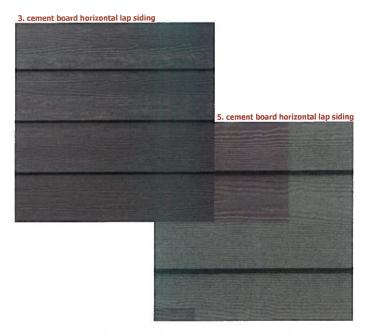
RE-ISSUED FOR DEVELOPMENT PERMIT
19-06-20 REVISION #
PROJECT NAMABER 18-177













material legend

ELMENT BOARD SMOOTH PANEL SIDING:
"JAMES HARDE" COLOUR: CRAFT SLATE

THE
CEMENT BOARD SMOOTH PANEL SIDING:
"JAMES HARDE" ELDIONE: LIGHT INST
"JAMES HARDE" ELDIONE: LIGHT INST

CLHENT BOARD CEDAMALL HORIZONTAL LAP SKRING (n° EXPONURE):
 'JAMES HARRIE', COLDIE! HIGHT GRAY

 CHAENT BOARD STAGGERED IDGE PAHEL.
 JAMES HARRIE'', COLDIE! "EVENING BLUE"

HEAVY TIMBER (PAINTED):

BENJAMIN MOORE, COLDUR: TO MATCH JAMES HARDIE MIGHT GRAY

WOOD FASCIA BOARD (FAINTED):
BENJAMIN MOORE, COLOUR: TO MATCH JAMES HARDIE MIGHT GRAY

| ASPANA TROD SERVICE X EMBRIDGE:
| ISO, COLOUR: MARVARD SLATE
| WINDOW MAYE.
| COLOUR: TRACE
| SLEING PATIO DOOR WINT.
| COLOUR: SLACK
| ALLWINGER BALCONY RABING.
| COLOUR: TRACE

| TZ| HARDIE TRIM (RUSTIC GRAIN): | "JAMES HARDIE", COLDUR; NIGHT GRAY

TS EXTERIOR METAL GLARD COLOUR: BLACK '

EE DYTERIOR ALLIHOUM RAILING: COLOUR: BLACK '

TT/ CONCRETE WALL: COLOUR: 'LL FAR SEALER'

TE PLANTERS (LANDSCAPE TIES)
COLOUR: NATURAL WOOD

TH ALUMINUM STORETHONE SECTIONS.
COLOUR: CHARCOAL

ZZI EXTERNOR METAL DOOR:
COLOUR: CHARCOAL

PERFORATED WHYL SOFFITS:

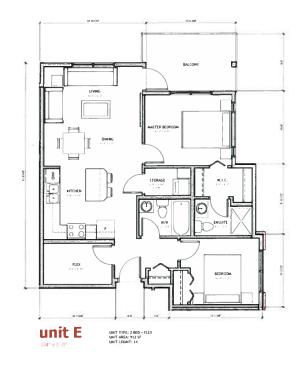
BAYCAN', COLOUR: TO MATCH JAMES HARDIE HIGHT GRAY

1. manufactured brick veneer smooth

MATERIAL BOARD SCALE Allindicated RE-ISSUED FOR DEVELOPMENT PERMIT
19-06-10 REVISION R
PROJECTIONAMER 18-177

REDEKOP KROEKER DEVELOPMENT INC



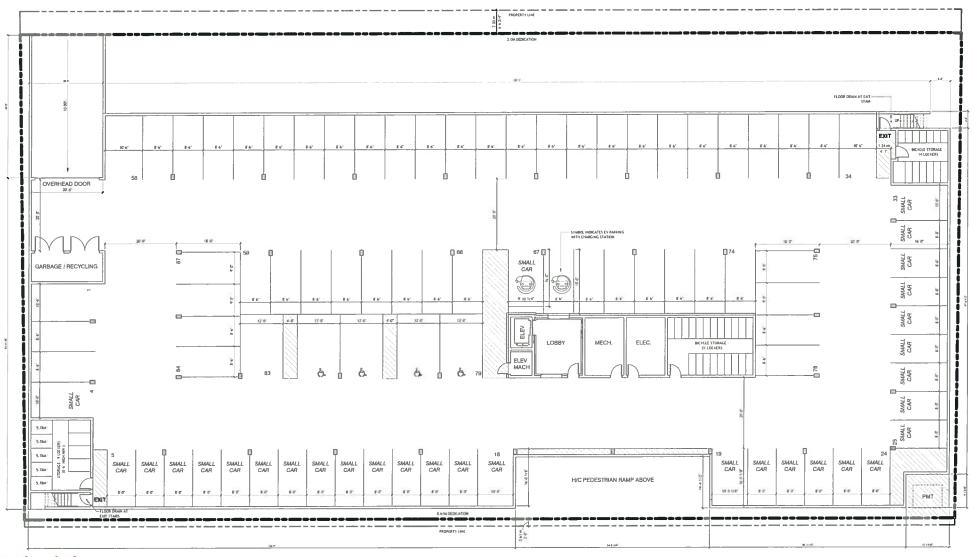








SD 2.02



P1 level plan



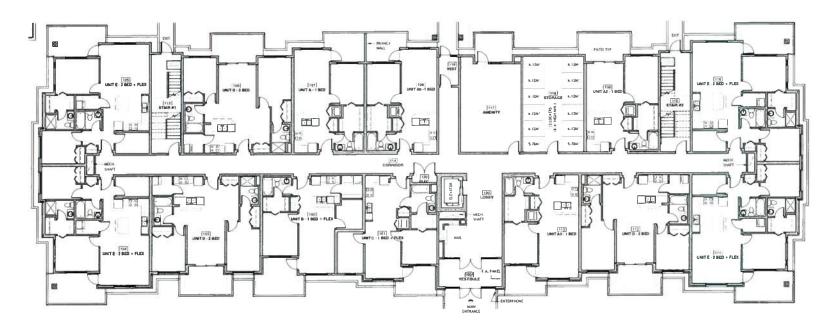
**53A AVENUE CONDOS - EAST** 

P1 LEVEL PLAN

SCALE 1/6" = 1'-0"







1st level plan



**53A AVENUE CONDOS - EAST** 

L1 FLOOR PLAN SCALE | 1/8° = 1°-0°



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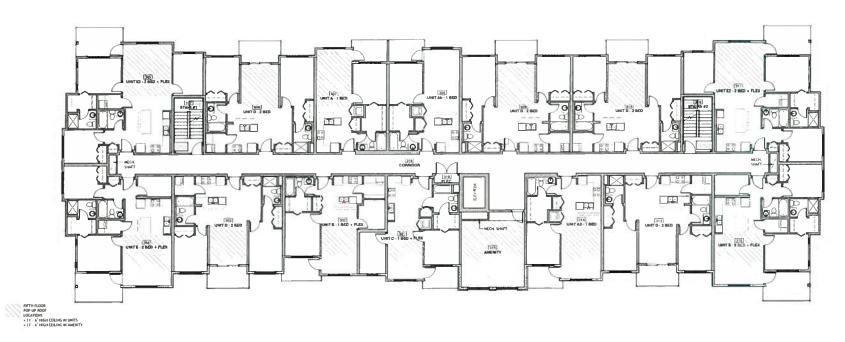




2nd level plan







3rd - 5th level plan



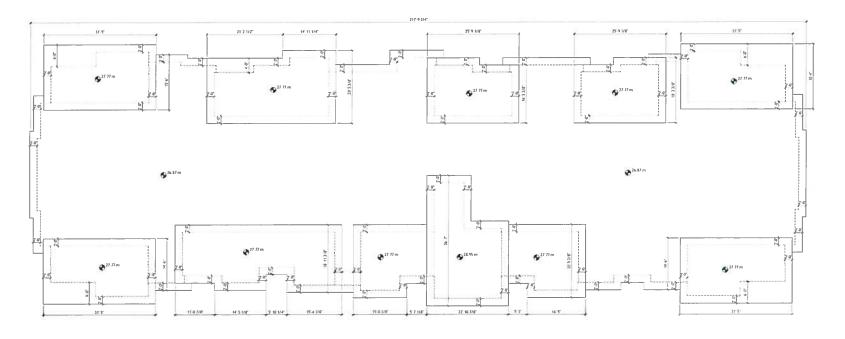
**53A AVENUE CONDOS - EAST** 

L3-L5 FLOOR PLAN SCALE 1/8" × 1"-0"



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roof level plan



53A AVENUE CONDOS - EAST

ROOF PLAN SCALE 1/6" = 1 10"



RE-ISSUED FOR DEVELOPMENT PERMIT
19-06-20 REVISION REVISI



