

City of Surrey PLANNING & DEVELOPMENT REPORT File: 7913-0214-00

Planning Report Date: February 24, 2014

PROPOSAL:

• Partial NCP Amendment to slightly reduce the area designated "Indoor/Outdoor Amenity Space" and slightly increase the area designated "Apartments (6-storey max.)"

• Amend CD By-law No. 17584

• Development Permit

in order to permit the development of a 139-unit, 4-storey apartment building.

LOCATION: 3323, 3350 and 3399 - 151 Street

15100 and 15168 - 33 Avenue

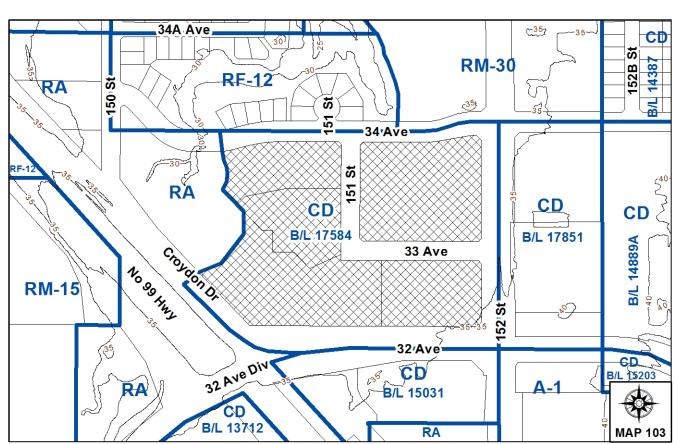
OWNER: Polygon Harvard Gardens Ltd.

The Owners Strata Plan EPS1291

ZONING: CD By-law No. 17584 **OCP DESIGNATION:** Multiple Residential

NCP DESIGNATION: "Indoor/Outdoor Amenity Space"

and "Apartments (6-storey max.)"



RECOMMENDATION SUMMARY

- By-law Introduction and set date for Public Hearing for:
 - o Amending CD By-law No. 17584.
- Approval to draft Development Permit.

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

• An amendment to the Rosemary Heights NCP is required to slightly reduce the area designated "Indoor/Outdoor Amenity Space" and slightly increase the area designated "Apartments (6-storey max.)".

RATIONALE OF RECOMMENDATION

- The applicant proposes to amend the NCP by slightly increasing the size of the lot designated for "Apartments (6-storey max.)" and slightly reducing the size of the lot designated for "Indoor/Outdoor Amenity Space". The CD By-law (No. 17584) also needs to be amended to accommodate this change, to amend the zoning block plan boundaries associated with these uses. This change is proposed in order to accommodate Polygon's revised plans for Phase 3 of the project, for a 4-storey apartment building instead of the originally proposed 6-storey building. This revised proposal includes an enlarged underground parking envelope and 1 level of underground parking instead of 2, and thus a slightly larger lot area.
- The change is minor and does not change the resultant indoor amenity space that is being provided. Further, the reduction in the outdoor amenity space is minor and the amount of outdoor amenity space provided exceeds the amount required by the site zoning.
- The design and siting of the apartment building is consistent with the generalized Development Permit established for the site, approved by Council in 2012 (Development Application No. 7911-0241-00).
- The design theme for the building is consistent with the overall theme for Polygon's Harvard Gardens project. The project architecture is a modern interpretation of a traditional "Boston Brownstone", which has been adapted to suit our West Coast climate. All of the building materials are high-quality, attractive, sustainable and durable.
- The landscaping plan includes trees and shrubs in a variety of coniferous and deciduous varieties to add year round visual interest and colour and to complement the architectural design of the building.

RECOMMENDATION

The Planning & Development Department recommends that:

a By-law be introduced to amend Comprehensive Development By-law No. 17584 and a date be set for Public Hearing.

- 2. Council authorize staff to draft Development Permit No. 7913-0214-00 generally in accordance with the attached drawings (Appendix II).
- 3. Council instruct staff to resolve the following issues prior to final adoption:
 - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
 - (b) submission of a subdivision layout to the satisfaction of the Approving Officer;
 - (c) approval from the Ministry of Transportation & Infrastructure;
 - (d) submission of a landscaping plan and landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department;
 - (e) resolution of all urban design issues to the satisfaction of the Planning and Development Department; and
 - (f) discharge Restrictive Covenant No. CA2848835 (No Development Until Satisfaction of Indoor Amenity Space Requirements Covenant) from 3399 and 3323 151 Street and 15168 32 Avenue.
- 4. Council pass a resolution to amend Rosemary Heights West NCP to slightly reduce the area designated "Indoor/Outdoor Amenity Space" and slightly increase the area designated "Apartments (6-storey max.)", as shown in Appendix VI, when the project is considered for final adoption.

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: **Projected number of students from this development:**

7 Elementary students at Morgan Elementary School 4 Secondary students at Earl Marriott Secondary School

The applicant has advised that the dwelling units in this project are expected to be constructed and ready for occupancy by Fall 2015.

(Appendix IV)

Parks, Recreation &

Culture:

No concerns.

Ministry of Transportation & Infrastructure (MOTI):

Preliminary approval is granted for the rezoning for one year pursuant to section 52(3)(a) of the *Transportation Act*.

Surrey Fire Department: No concerns.

BC Hydro: No concerns.

SITE CHARACTERISTICS

Existing Land Use: Vacant land (15168 and 15100 33 Avenue & 3350 151 Street), Townhouses

(3399 151 Street), and 4-storey Apartment Building (3323 151 Street)

Adjacent Area:

Direction	Existing Use	OCP/NCP Designation	Existing Zone
North (Across 34 Avenue):	Single family lots and townhouses	Multiple Residential & Urban/Garden Apartments & Single Family Small Lots	RM-30 and RF-12
East (Across 152 Street):	Future senior's care facility, with an approved Development Permit (No. 7912-0211-00) and a Building Permit application in process	Multiple Residential/Institutional Residential	CD (By-law No. 17851)
South (Across 32 Avenue Diversion):	Eating establishment ("The Keg")	Commercial	CD (By-law No. 15031)
West (Across Highway 99):	Townhouses	Urban	RM-15

JUSTIFICATION FOR PLAN AMENDMENT

• The applicant proposes to slightly increase the size of the lot designated for "Apartments (6-storey max.)", from 0.740 hectares (1.8 acres) to 0.790 hectares (1.95 acres), and in turn to slightly reduce the size of the lot designated for "Indoor/Outdoor Amenity Space" from 1.329 hectares (3.3 acres) to 1.279 hectares (3.2 acres).

- The change is necessary in order to accommodate the siting of the proposed 4-storey, 139 unit apartment building in the third phase of Polygon's Harvard Gardens project.
- The change is minor and does not change the resultant indoor amenity space that is being provided. Further, the reduction in the outdoor amenity space is minor and the amount of outdoor amenity space provided exceeds the amount required by the site zoning.

DEVELOPMENT CONSIDERATIONS

Background

- The subject site is comprised of five (5) individually titled lots which collectively form the Harvard Gardens master-planned community by Polygon. The site is within the Rosemary Heights West Neighbourhood Concept Plan (NCP) area.
- In September 2012, Council approved the necessary Neighbourhood Concept Plan (NCP) Amendment and Rezoning to facilitate development of Polygon's comprehensive residential project, which consists of approximately 550 multiple residential units (510 apartment units and 40 townhouses) in a variety of building forms including townhouses, 4-storey and 6-storey apartment buildings, and indoor and outdoor amenity space (Development Application No. 7911-0241-00).
- At the same time, Council also approved a generalized Development Permit (No. 7911-0241-00) for the project, which establishes the overall site plan, form and character, design guidelines and landscaping for the project in its entirety, as well as a detailed Development Permit (No. 7911-0242-00) for Phase 1, which consists of a 40-unit townhouse complex and a 4-storey apartment building located in the north-westerly portion of the project. The townhouse portion of Phase 1 is complete and the apartment portion is under construction.
- In February 2013, Council approved a detailed Development Permit (No. 7912-0233-00) for Phase 2 of the project, to permit the development of an indoor amenity building and outdoor amenity features. A Building Permit application is currently in process for this construction.

• The applicant now proposes a detailed Development Permit for Phase 3, which is a 139-unit, 4-storey apartment building located at the southeast corner of the site (15168 33 Avenue). When the generalized Development Permit for the Harvard Gardens was established, a 6-storey building was proposed at this location. However, after further feasibility analysis conducted by the developer (Polygon), it was determined that a 4-storey building at this location would be more viable. One of the advantages for the developer of going with a 4-storey building versus a 6-storey building, is that with a 4-storey building, only 1 level of underground parking is required. Two levels of underground parking were proposed with the 6-storey building, and the additional underground parking made the project cost-prohibitive.

• While only one level of underground parking is now proposed, the underground parking envelope needs to be expanded in order to accommodate the parking requirements for the project. For this reason, the applicant has requested that the site be slightly enlarged to accommodate the revised underground parking envelope.

Proposed CD By-law Amendment

- All of the lots within the Harvard Gardens project are included in the application due to the proposed amendment to the CD Zone (By-law No. 17584). However, the changes to the CD Zone are applicable to Blocks C (15100 33 Avenue) and D (15168 33 Avenue) only.
- Amendments to CD By-law No. 17584 are required in order to accommodate Polygon's revised plans for Phase 3 (Appendix VII). The proposed amendments include:
 - o The replacement of the survey plan attached to the by-law as Schedule B, which divides the land into Blocks A, B, C, D, E, and F. The new Schedule B survey plan reflects the revised lot boundary between blocks C and D;
 - o The reduction of the east yard setback of the amenity building from 4 metres (13 ft.) to o metres (o ft.). This reduction is required to accommodate the lot line adjustment between the "Indoor/Outdoor Amenity" lot (Block C) and the "Apartments (6-storey max.)" lot (Block D);
 - An increase to the west yard setback of the proposed apartment building from 6 metres (20 ft.) to 9 metres (30 ft.); and
 - The elimination of the requirement for the underground parking facility to be setback a minimum of 2 metres (6 ft.) from the front lot line, in order to provide enough space for all of the underground parking requirements to be met with one level of underground parking.
- While the east yard setback to the amenity building is proposed to be reduced, the west yard setback to the apartment building is proposed to be increased. Therefore, the distance between the buildings is almost the same, at a 9.6 metre (31 ft.) separation instead of a 10 metre (33 ft.) separation.
- Staff have reviewed these proposed amendments and find them to be acceptable. The amendments are minor and will not have an impact on the originally approved and intended use, density, form or character of the development.

Indoor Amenity Space

• Under the original application for the Harvard Gardens project (No. 7911-0241-00), it was agreed that the developer would provide a large indoor amenity space for the entire project, which would function as the heart of the community. A detailed Development Permit (No. 7912-0223-00) has now been approved for this amenity. The building is 895 square metres (9,600 sq. ft.) in area, and contains a gymnasium, exercise room, games room, media lounge, kitchen, office space, storage space, and washrooms on the main floor and a caretaker's suite and 2 guest suites on the second floor.

- The 895 square metres (9,600 sq. ft.) indoor amenity space provided is less than the approximately 1,650 square metres (17,760 sq. ft.) required under the Zoning By-law based on the originally anticipated 550 total residential units proposed in the project. At the time of the original application, the applicant was still contemplating whether to incorporate small amenity rooms within future phases of the project to offset the deficiency or not. To resolve this issue and provide some flexibility to the applicant, a covenant (No. CA2848835) was registered over the residential lots in the development which indicates that the lots should not be built on until the indoor amenity requirements have been satisfied.
- For the first phase of the project, comprised of 40 townhouse units and 86 apartment units, and the phase currently under consideration, comprised of 139 apartment units, the required indoor amenity contribution is satisfied by the main indoor amenity building. Therefore, Restrictive Covenant No. CA2848835 should be discharged from these phases of development, but remain on the property designated for future development phase(s) (3350 151 Street).
- When the detailed development permit for the next phase of development is applied for, the shortfall in indoor amenity space will have to be resolved, either through the provision of additional amenity space or a cash-in-lieu contribution.

PRE-NOTIFICATION

Pre-notification letters were mailed out on December 5, 2013 and staff received no telephone calls or written correspondence in response.

DESIGN PROPOSAL AND REVIEW

- The design and siting of the building are generally consistent with the generalized Development Permit established for the site, approved by Council in 2012 (Development Permit No. 7911-0241-00).
- The proposed 4-storey, 139-unit apartment building is located on the southeast portion of the Harvard Gardens site, and fronts 152 Street and 32 Avenue. The building is of wood-frame construction and has a total floor area of 12,971 square metres (139,625 sq. ft.).
- The building is U-shaped and is sited to define the street edges.

• The design for the proposed building is consistent with the design theme for the project, which is a modern interpretation of a traditional "Boston Brownstone", which has been adapted to suit our West Coast climate.

• The building features a flat roof, and cladding materials include primarily brick and Hardie type cladding. All of the building materials are high-quality, attractive, sustainable and durable. A carefully considered distribution of materials and colours breaks up the façade.

Landscaping

- The landscaping plan for the building includes trees and shrubs in a variety of coniferous and deciduous varieties to add year round visual interest and colour and to complement the architectural design of the building.
- The arborist report and tree removal and retention plan was approved under the original development application (No. 7911-0241-00). No additional trees are proposed for removal under the subject application.
- The landscaping is consistent with the Harvard Gardens "Campus" theme, and is consistent with the generalized Development Permit.
- The inspiration for the central courtyard is the "campus quadrangle" and is intended as a social space for residents to interact.

SUSTAINABLE DEVELOPMENT CHECKLIST

The applicant prepared and submitted a sustainable development checklist for the subject site as part of the original rezoning and generalized Development Permit application (7911-0241-00). The table below summarizes the applicable development features of the project based on the seven (7) criteria listed in the Surrey Sustainable Development Checklist.

Sustainability Criteria	Sustainable Development Features Summary
1. Site Context & Location (A1-A2)	 Dedication of approximately 5.4 acres of land for parks and green space; Preservation and enhancement of Barbara Creek;
2. Density & Diversity (B1-B7)	 Provision of varying forms of housing to provide first time buyers and empty nesters with affordable housing choices within the community;
3. Ecology & Stewardship (C1-C4)	 Use of oil/water separators and bio-swales to clean storm water and return it to the ecosystem rather than burdening storm sewer infrastructure; Commitment to sustainable building features including high efficiency lighting, dual flush toilets, and electrical equipments selected to reduce energy loads. The developer is also committed to the use of construction materials with recycled content, low off-gassing materials including carpet and paint, and other materials with lower environmental impacts.

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4. Sustainable Transport & Mobility (D1-D2)	 Place-making and creation of a vibrant urban environment through the careful combination and linkage of amenity and residential spaces; Encouraging pedestrian walk-ability by building amenity spaces in close proximity to residential uses;
Accessibility & Safety	Provision of substantial indoor and outdoor amenity spaces; Accessible designed public players and walky ave.
(E1-E3)	Accessible designed public plazas and walkways.
6. Green Certification (F1)	Energy Star appliances.
7. Education &	Public Information meeting held as part of original rezoning
Awareness	and generalized Development Permit application to seek public
(G1-G4)	comment on the project.

ADVISORY DESIGN PANEL

The proposal was presented to the Advisory Design Panel (ADP) on January 16, 2014. The proposal was well-received by the Panel. There were few comments from the Panel that necessitate a change to the plans, and the majority of those comments have been addressed. Any outstanding minor issues and details will be addressed prior to final adoption and Development Permit issuance.

INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

Appendix I. Lot Owners, Action Summary and Project Data Sheets

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

Appendix III. **Engineering Summary** Appendix IV. **School District Comments**

ADP Comments

Appendix V.

Appendix VI. NCP Plan

Appendix VII. Proposed CD By-law Amendment

original signed by Nicholas Lai

Jean Lamontagne General Manager Planning and Development

Information for City Clerk

Legal Description and Owners of all lots that form part of the application:

1. (a) Agent: Name: Kevin Shoemaker

Polygon Development 283 Ltd.

Address: Suite 900, 1333 - West Broadway

Vancouver, BC V6H 4C2

Tel: 604-871-4283

2. Properties involved in the Application

(a) Civic Address: 3323 - 151 Street

15100 - 33 Avenue 15168 - 33 Avenue 3350 - 151 Street 3399 - 151 Street

(b) Civic Address: 3323 - 151 Street

Owner: Polygon Harvard Gardens Ltd., Inc. No. 877466

PID: 028-955-111

Lot 2 Section 27 Township 1 New Westminster District Plan EPP23195

(c) Civic Address: 15100 - 33 Avenue

Owner: Polygon Harvard Gardens Ltd., Inc. No. 877466

PID: 028-955-129

Lot 3 Section 27 Township 1 New Westminster District Plan EPP23195

(d) Civic Address: 15168 - 33 Avenue

Owner: Polygon Harvard Gardens Ltd., Inc. No. 877466

PID: 028-955-137

Lot 4 Section 27 Township 1 New Westminster District Plan EPP23195

(e) Civic Address: 3350 - 151 Street

Owner: Polygon Harvard Gardens Ltd., Inc. No. 877466

PID: 028-955-145

Lot 5 Section 27 Township 1 New Westminster District Plan EPP23195

(f) Civic Address: 3399 - 151 Street

Owner: Polygon Harvard Gardens Ltd., Inc. No. 877466

PID: 029-108-241

Strata Lots 1 to 40 Section 27 Township 1 New Westminster District Strata Plan EPS1291 Together With An Interest In The Common Property In Proportion To The Unit

Entitlement Of The Strata Lot As Shown On Form V.

- 3. Summary of Actions for City Clerk's Office
 - (a) Introduce a By-law to amend CD By-law No. 17584
 - (b) Application is under the jurisdiction of MOTI. YES

 MOTI File No. 2011-05338

DEVELOPMENT DATA SHEET

Zoning: CD By-law No. 17584

Required Development Data	Minimum Required / Maximum Allowed	Proposed	
LOT AREA* (in square metres)			
Gross Total			
Road Widening area			
Undevelopable area			
Net Total		7,900 m²	
LOT COVERAGE (in % of net lot area)			
Buildings & Structures			
Paved & Hard Surfaced Areas			
Total Site Coverage	45%	45%	
SETBACKS (in metres)			
Front	4.0 m	4.0 m	
Rear	7.5 m	7.5 m	
Side #1 (East)	12.0 m	12.0 M	
Side #2 (West)	6.o m	6.o m	
BUILDING HEIGHT (in metres/storeys)			
Principal			
Accessory			
NUMBER OF RESIDENTIAL UNITS			
Bachelor		1	
One Bed		18	
Two Bedroom		120	
Three Bedroom +			
Total		139	
FLOOR AREA: Residential		12,971 m²	
FLOOR AREA: Commercial		N/A	
Retail			
Office			
Total			
FLOOR AREA: Industrial		N/A	
FLOOR AREA: Institutional		N/A	
TOTAL BUILDING FLOOR AREA		12,971 m²	

^{*}If the development site consists of more than one lot, lot dimensions pertain to the entire site.

Development Data Sheet cont'd

Required Development Data	Minimum Required / Maximum Allowed	Proposed
DENSITY		
# of units/ha /# units/acre (gross)		
# of units/ha /# units/acre (net)	86 upa	71 upa
FAR (gross)	_	
FAR (net)	2.02	1.64
AMENITY SPACE (area in square metres)		
Indoor	413 m²	895 m² (clubhouse – for entire project)
Outdoor	413 m²	1,137 m² (courtyard)
PARKING (number of stalls)		
Commercial		
Industrial		
Residential Bachelor + 1 Bedroom	25	25
2-Bed	180	180
3-Bed		
Residential Visitors	28	28
Institutional		
Total Number of Parking Spaces	233	233
Number of disabled stalls	2	2
Number of small cars	58 (25%)	56 (24%)
Tandem Parking Spaces: Number / % of Total Number of Units		
Size of Tandem Parking Spaces width/length		

Heritage Site	NO	Tree Survey/Assessment Provided	NO

PROJECTS STATISTICS

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OVERALL SITE PLAN

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NORTHEAST CORNER PERSPECTIVE VIEW (152nd & 33rd AVE.)

SOUTHEAST CORNER PERSPECTIVE VIEW (152nd & 32nd AVE.) NORTHWEST CORNER PERSPECTIVE VIEW (33rd AVE.)

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- 3. 33rd Ave. & 151 st St. PLAZA VIEW LOOKING SOUTHEAST



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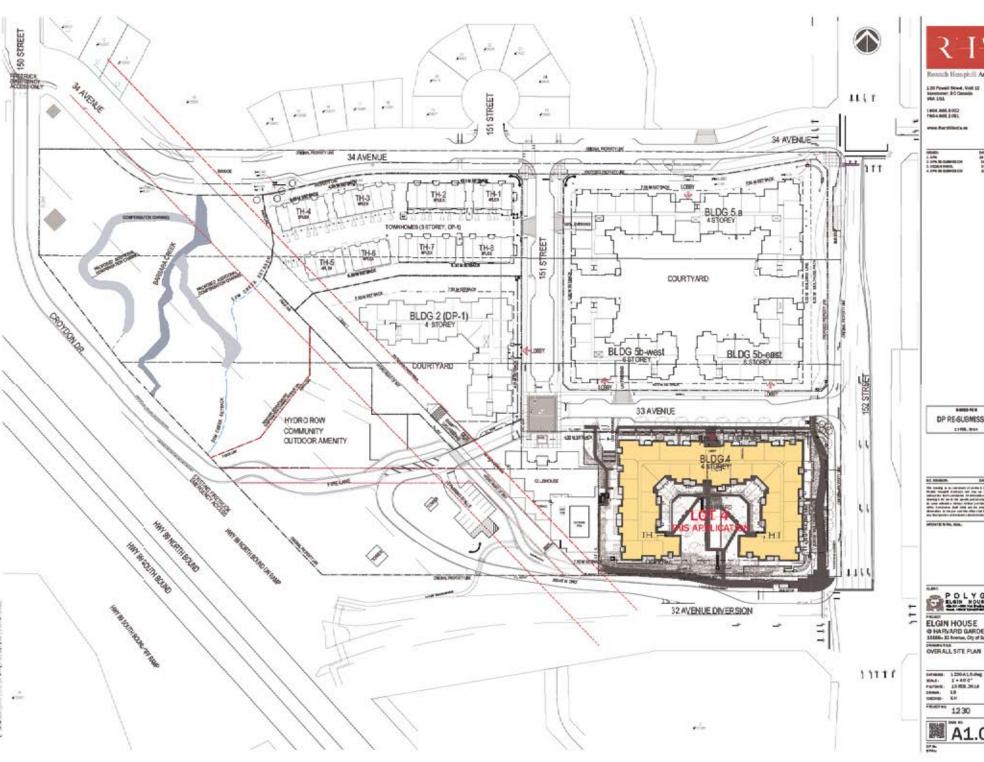
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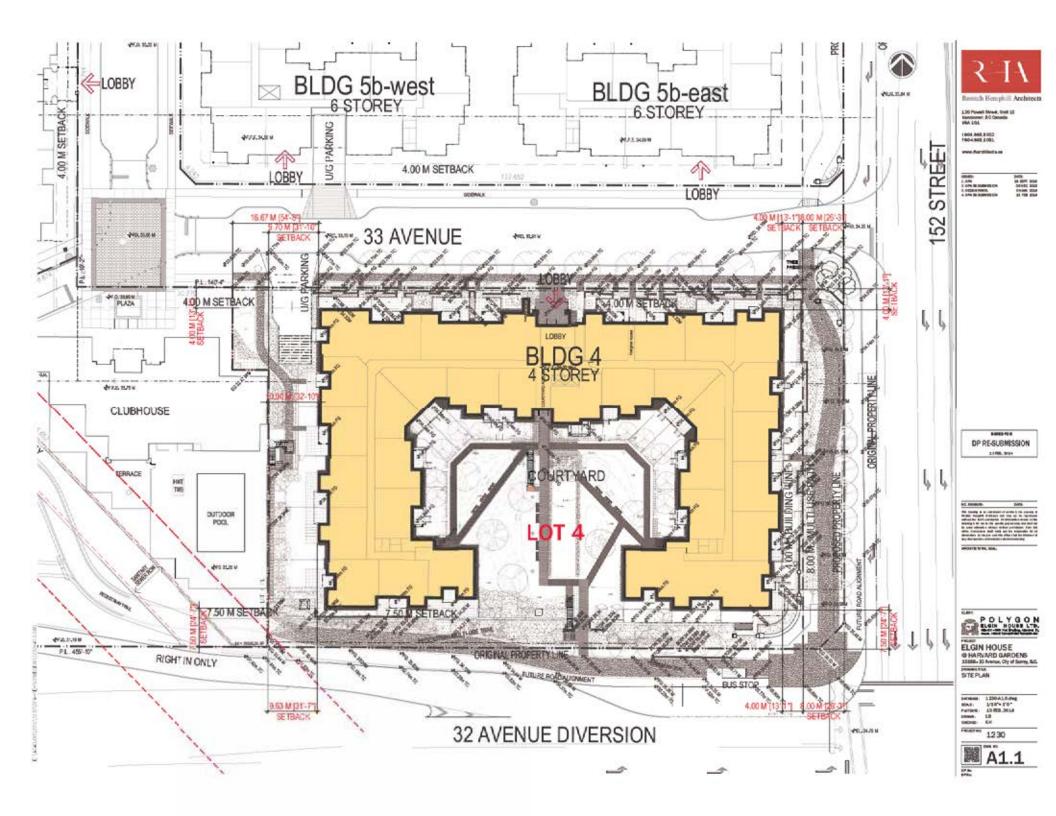
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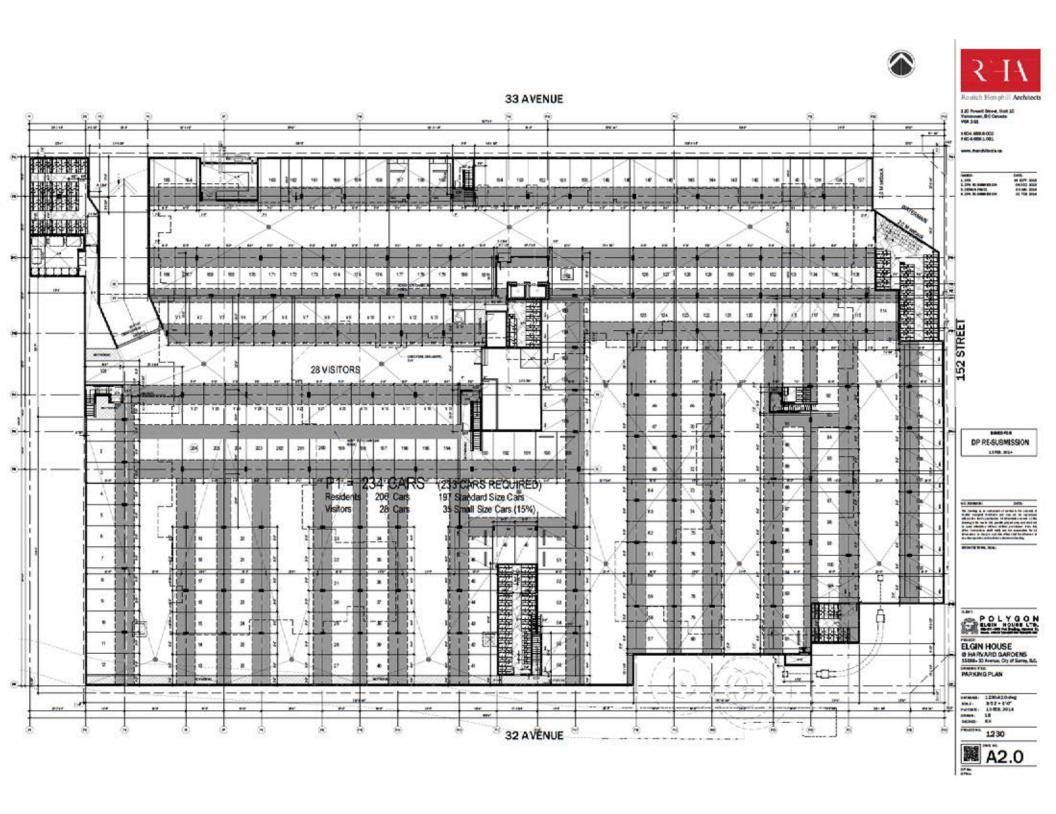
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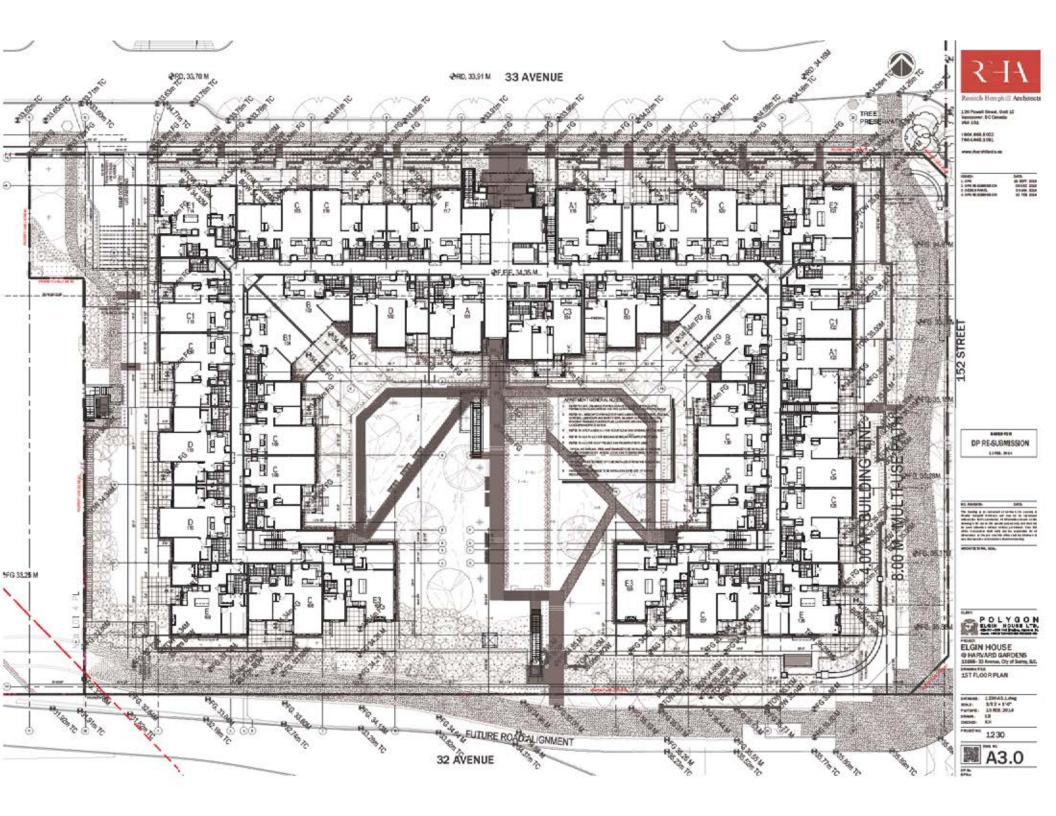
OVERALL SITE PLAN

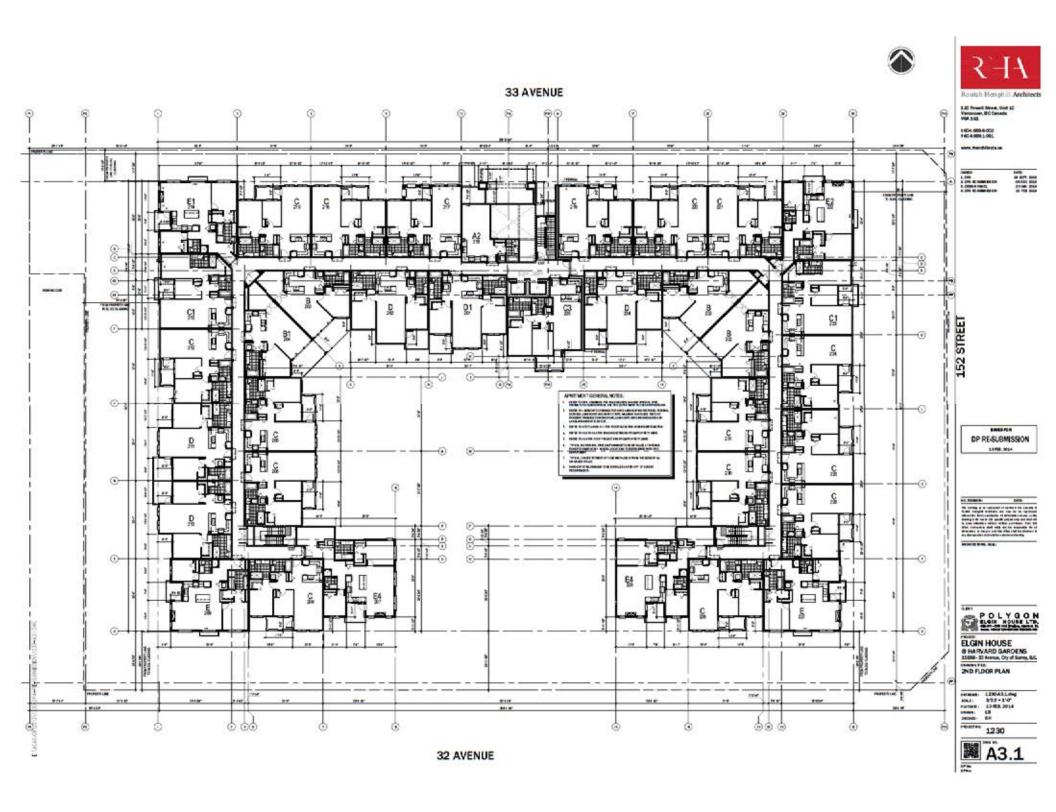
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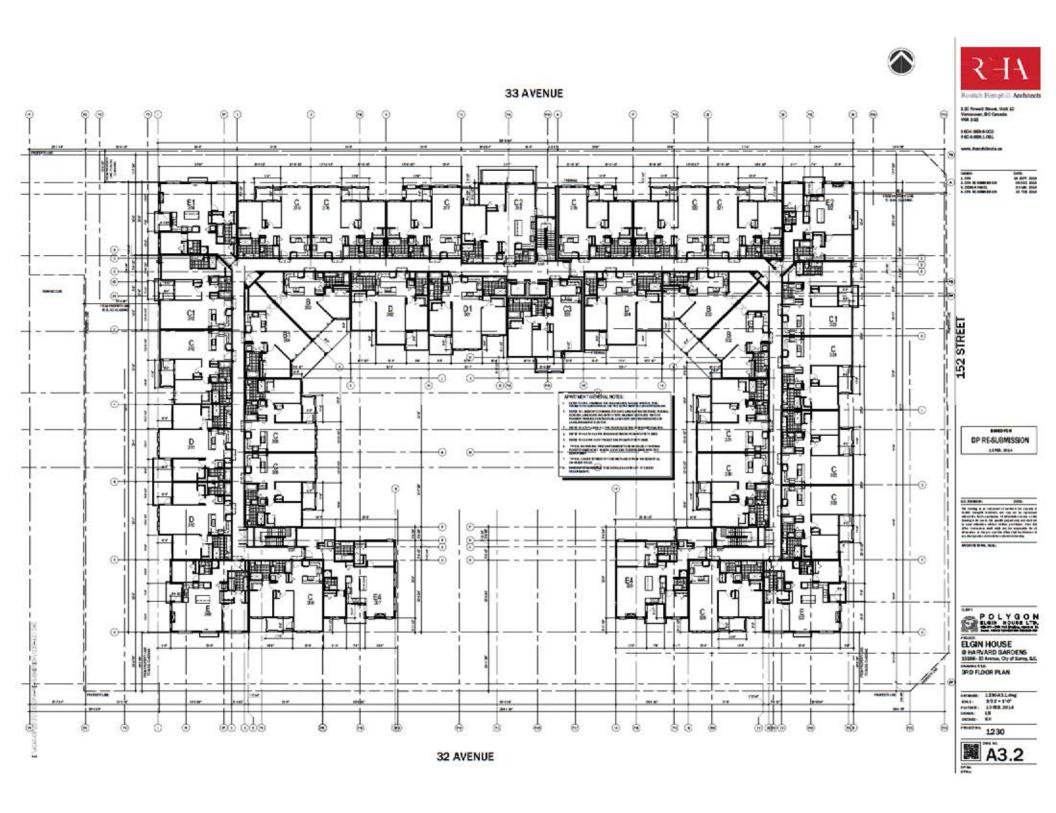
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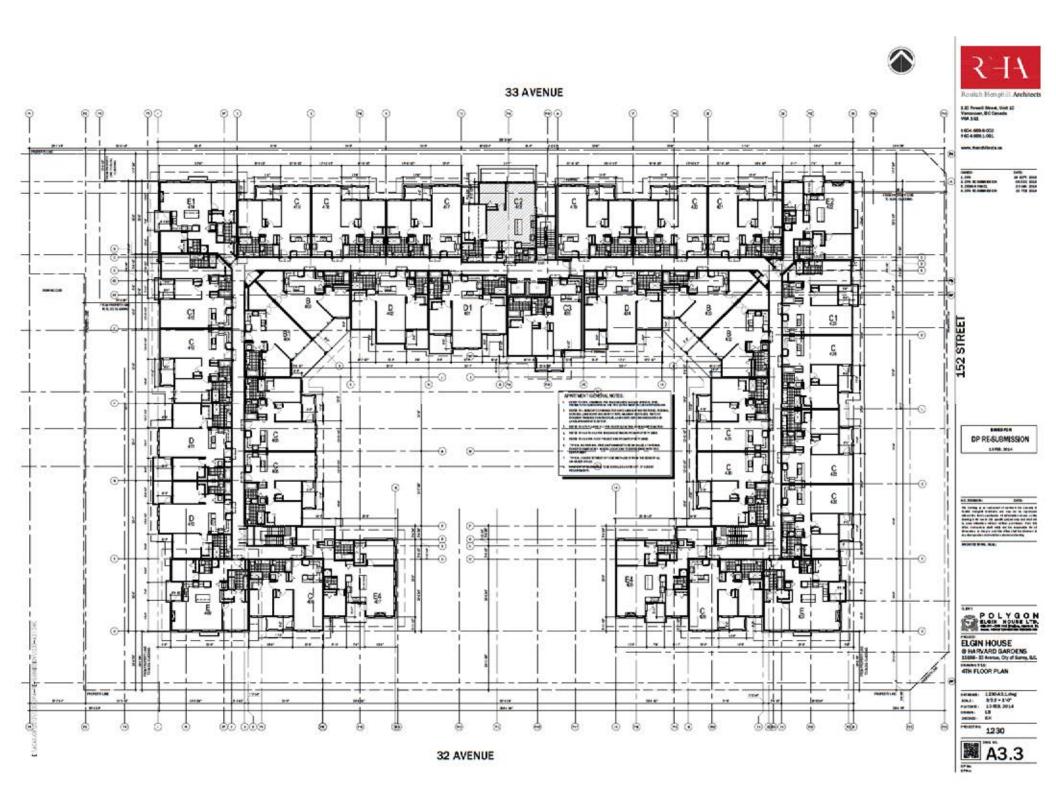


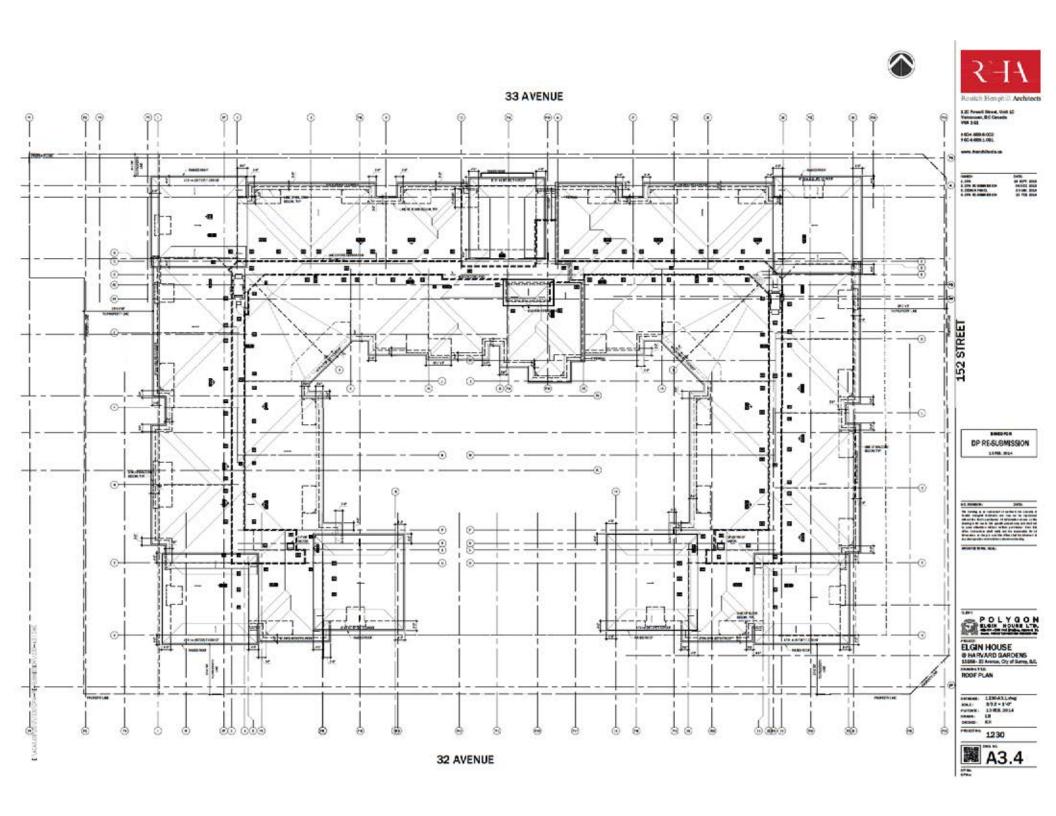














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DP APPLICATION RE-SUBMISSION

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ELGIN HOUSE @ HARVARD GARDENS 1506-33 Avenue, City of Surrey, Sul. MATERIALS & COLOURS

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EAST ELEVATION (152nd STREET)



NORTH ELEVATION (33rd AVENUE)



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152 STREET

DP RE-SUBMISSION 1375.7554

ELGIN HOUSE © HARVARD GARDENS 15556-10 Avenue, City of Surrey, B.G.

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WEST ELEVATION



SOUTH ELEVATION (32nd AVENUE)

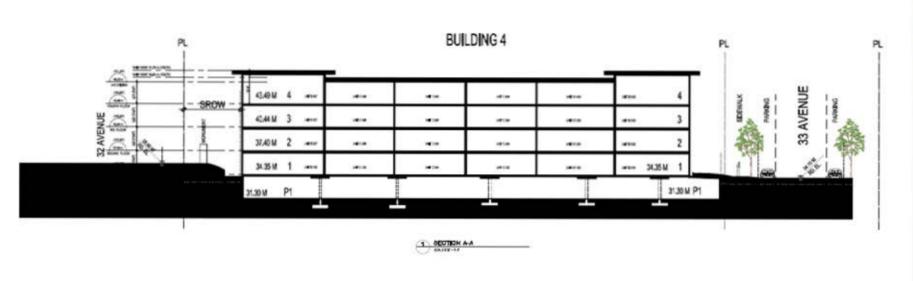


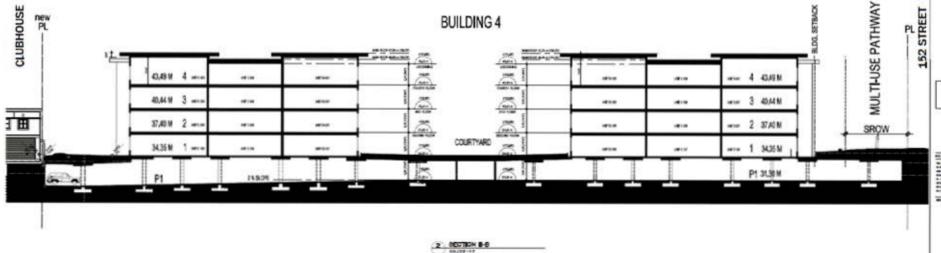
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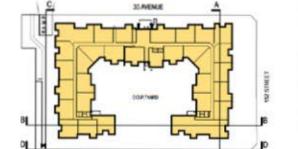
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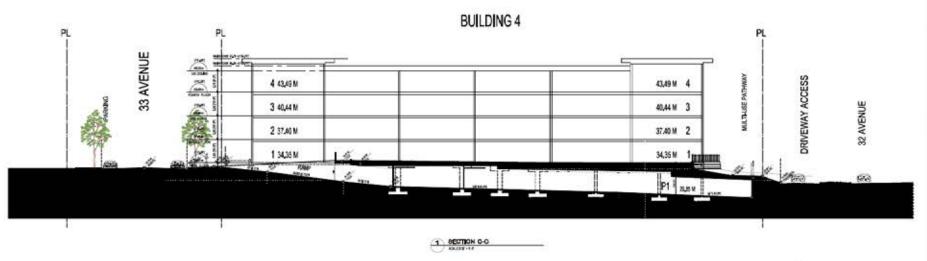
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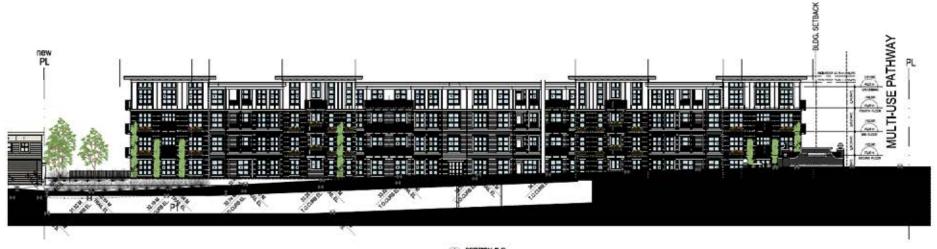
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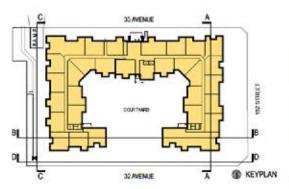
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CACALOR/2012/1230/DP4-RF-SIPARSIDA/1230-Addams



INTER-OFFICE MEMO

TO:

Manager, Area Planning & Development

- South Surrey Division

Planning and Development Department

FROM:

Development Services Manager, Engineering Department

DATE:

February 18, 2014

PROJECT FILE:

7813-0214-00

RE:

Engineering Requirements (Commercial/Industrial)

Location: 15168 33 Ave

NCP AMENDMENT

There are no engineering requirements relative to the NCP Amendment.

REZONE/SUBDIVISION

Works and Services being completed under project 7811-0241-00.

DEVELOPMENT PERMIT

Works and Services being completed under project 7811-0241-00.

Rémi Dubé, P.Eng.

Development Services Manager

LR



Tuesday, December 10, 2013 Planning

THE IMPACT ON SCHOOLS

APPLICATION #:

7913 0214 00

SUMMARY

The proposed 139 lowrise units are estimated to have the following impact on the following schools:

Projected # of students for this development:

Elementary Students:	7
Secondary Students:	4

September 2013 Enrolment/School Capacity

Morgan Elementary	
Enrolment (K/1-7):	40 K + 321
Capacity (K/1-7):	40 K + 275

Earl Marriott Secondary

Enrolment (8-12):	1927
Nominal Capacity (8-12):	1500
Functional Capacity*(8-12);	1620

School Enrolment Projections and Planning Update:

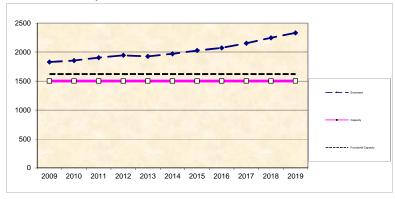
The following tables illustrate the enrolment projections (with current/approved ministry capacity) for the elementary and secondary schools serving the proposed development.

A new elementary school on 28th Ave near the intersection with 160th Street opened in September 2013, which replaced Sunnyside elementary. Boundary moves have been approved from Morgan Elementary to Sunnyside Elementary. The capacity for Morgan Elementary below does not include one modular classroom building, which has been located on the site to assist with capacity needs resulting from full day kindergarten implementation in 2011 (Ministry of Education recognizes the modular as part of the schools capacity at 60K + 275 = 335). There is also a portable classroom on site. A proposed addition to Rosemary Heights Elementary has been included as #2 priority in the 2013-2017 Five Year Capital Plan to help relieve overcrowding at local schools. Earl Marriott Secondary has 8 portables on site and has implemented extended day programming to accommodate student growth. The School District has recently purchased a new secondary school site in North Grandview Area and has also submitted a request for funding of a new North Grandview Area Scondary School as its #3 priority in the 2013-2017 Five year Capital Plan to accommodate long term secondary school enrolment growth in South Surrey.

Morgan Elementary



Earl Marriott Secondary



*Functional Capacity at secondary schools is based on space utilization estimate of 27 students per instructional space. The number of instructional spaces is estimated by dividing nominal facility capacity (Ministry capacity) by 25.

Appendix V

4. <u>7:00 PM</u>

File No.: 7913-0214-00 Description: Harvard Gardens

Address: 15168 – 33 Avenue, Rosemary Heights West
Developer: Kevin Shoemaker, Polygon Harvard Gardens
Architect: Keith Hemphill, Rositch Hemphill Architects
Landscape Architect: Eckford Tyacke & Associates (ETA) Landscape

Architecture

Planner: Ron Gill Urban Design Planner: Hernan Bello

The **Urban Design Planner** presented an overview of the proposed project and highlighted the following:

- The project is located in the Rosemary Heights West NCP. This is the latest phase of this comprehensive development currently under construction.
- One of the issues we worked with applicant was resolving the grading and interface of proposal with the multi-use pathways to the east and south.

The Project Architect presented an overview of the site plan, building plans, elevations, cross sections, and streetscapes and highlighted the following:

- What we are trying to do is develop a precinct with a fairly consistent character.
- The architectural precedent/inspiration is from Boston.
- The adjacent building is the clubhouse amenity for the whole precinct, called the "Rowing Club".
- The entrance opens right through so you can see through to the courtyard. The courtyard is oriented to the south.
- On the east side there is a multi-use path which wraps around the site and continues on all the way to the Nickelmekl River.
- There were some challenges with grades to make sure that we could incorporate the multi-use trail and have it be accessible.
- The materials break up the length of the facade. Brick is used, and in between we've changed the colour and the character. Hardie-panel finishes are in between the brick. On the 152 Street side, the main project monument is at the corner.
- The parking had to be dropped substantially to allow room for a protection zone for the multi-use pathways.
- The heating is proposed as electric baseboard and Polygon has standard packages for sustainability in these types of buildings.

The Landscape Architect reviewed the landscape plans and highlighted the following:

- At the front of the building, playing off the architecture, we are proposing a clean stone-clad wall to play off the Bostonian flavour of the buildings. Announcing the entry are Oak trees.
- On 152 Street, in conjunction with the multi-use pathway, proposing a more native palette.
- There is a flat accessible entry into the building from 33 Avenue.
- The courtyard is meant to play off the campus quadrangle. Desire lines, activity centre, ornamental trees on berms.

ADVISORY DESIGN PANEL STATEMENT OF REVIEW Harvard Gardens 15168 - 33 Avenue (Rosemary Heights West) File No. 7913-0214-00

The 110. 7913 0214 00

It was Moved by T. Bunting

Seconded by J. Makepeace

That the Advisory Design Panel (ADP)

recommends that the applicant address the following recommendations and revise and resubmit to the Planning staff.

Carried

STATEMENT OF REVIEW COMMENTS

Site Design

• The Panel considered the site layout to be well resolved.

• It would be good to have more mix of use with commercial to encourage walking.

Form and Character

- It's a really well-worked project. Appreciate the documentation and details.
- This generation of Polygon character is better than the previous. This is much more urban in the form. The in-board balconies help a lot. The way it addresses the public realm is much better.
- It is a good interpretation of what was stated into bringing the Bostonian look back.
- The courtyard is as tight as it should be to get enough light into it.
- Consider using lighter hardie-panel materials particularly in the courtyard. Dark gray and black could get a little dark.
- The depressed grade on the SE corner is not ideal but is well handled considering.
- Concern is the extension of the firewall into the courtyard. Would like to see the deck of unit C₃ moved west so that it is disengaged from the firewall.
- The 500 ft. long corridor, 5 ft. wide is daunting. Would like to see shortened or more interest such as varying width.

CPTED

• There were no specific issues identified.

Landscape

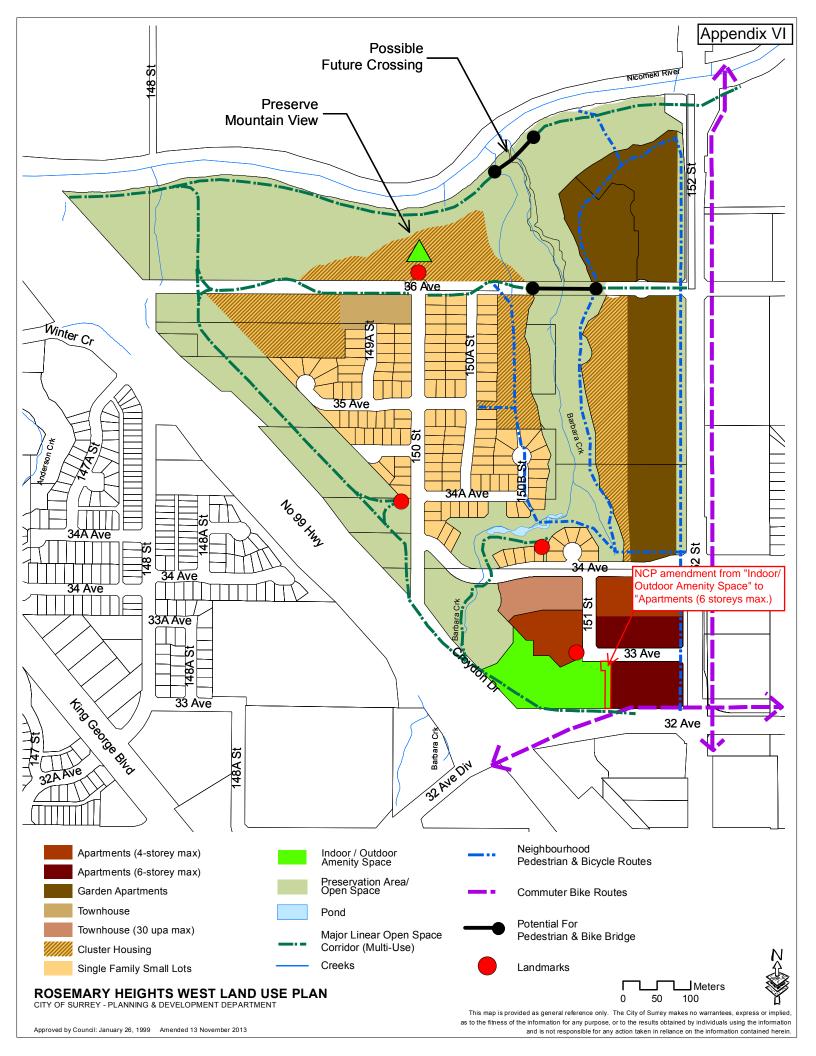
- Very generous planting, it will be beautiful.
- Really complimentary landscaping to architecture.
- The courtyard space will be a well-utilized space. It is generous in its size.
- There is no interior games room/common space/multi-purpose area. There is
 a nice opportunity to have an indoor space linking to the outdoor space even
 given the amenity building next door.
- The diagonal desire lines, I understand the intent but the smaller triangles can be wasted space.
- The ratio of outdoor seating to the number of units, think about that. Outdoor picnic tables and barbeques could be added.

Accessibility

- Recommend power doors at the entrance.
- Call buttons at a level accessible for wheelchairs.
- The more disabled parking the better.
- The elevator buttons should be at a horizontal panel.
- The parking lobby provide an emergency call button there.
- Recommend 5% of the units are wheelchair friendly.

Sustainability

- Sustainability wise, it is pretty standard, wood frame, electric heat.
- Would like to see hot-water heat or some other alternative to electric heat.
- Consider HRVs to improve the air quality of each unit.



CITY OF SURREY

$\mathbf{p}_{\mathbf{V}}$ 1	AW NO)
DI-L	AVV INC	J.

		A by-law to amend "Surrey Zoning By-law, 1993, No. 12000, Amendment By-law, 2013, No. 17584"	
THE C	CITY CC	UNCIL of the City of Surrey, in open meeting assembled, ENACTS AS FOLLOWS:	
1.	"Surrey Zoning By-law, 1993, No. 12000, Amendment By-law 2013, No. 17584" is hereby amended as follows:		
	(a)	Section 2.A Intent is amended by deleting "certified correct by G.A. Rowbotham, B.C.L.S. on the 16th day of January, 2012" and inserting "certified correct by Vesselina Stoyneva, B.C.L.S. on the 9th day of December, 2013";	
	(b)	Section 2.F.1. Yards and Setbacks is amended by deleting "4.0 m [13 ft.]" for the East <i>Yard</i> setback of Block C and replacing it with "0.0 m [0 ft.]";	
	(c)	Section 2.F.1. Yards and Setbacks is amended by deleting "6.0 m [20 ft.]" for the West <i>Yard</i> setback of Block D and replacing it with "9.0 m [30 ft.]";	
	(d)	Section 2.H.2. Off-Street Parking is amended by inserting a new Sub-Section 2.H.2.(f) immediately following Sub-Section 2.H.2.(e) as follows:	
		"(f) Notwithstanding Sub-Section A.2(c) of Part 5 Off-Street Parking and Loading/Unloading of Surrey Zoning By-law, 1993, No. 12000, as amended, the <i>underground parking facility</i> is permitted to extend to the <i>front lot line</i> in Block D only."; and	
	(e)	Schedule B is deleted and replaced with the attached Schedule B.	
2.	This B	y-law shall be cited for purposes as "Surrey Zoning By-law, 1993, No. 12000,	
	Amen	dment By-law 2013, No. 17584, Amendment By-law, 2014, No "	
PASSE	ED FIRS	T AND SECOND READING on the th day of , 20 .	
PUBL	IC HEAI	RING HELD thereon on the th day of , 20 .	
PASSE	ED THIF	RD READING ON THE th day of , 20 .	
		RED AND FINALLY ADOPTED, signed by the Mayor and Clerk, and sealed with the l on the th day of , 20 .	
		MAYOR	
		CLERK	